—420—

BALL BEARING JACK SCREWS.

Gray Iron Standard, with Open Hand Hole which permits seeing how high the screw can be run out—a valuable safety feature; Drop Forged and Heat-Treated Cap, with Diamond-shaped Top and Retaining Pin; Chrome Molybdenum Ball reduces friction, increases power and prevents jack from twisting under the load; Steel Forged Screw and Head, with Accurate Machine-Cut Threads; Every Part Extra Strong.

SIMPLEX—LOCOMOTIVE.

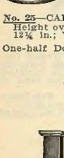
LACQUERED IN COLORS.

	Each
No. 1—GREEN	$6.15
No. 2—RED	8.55
No. 3—LIGHT BLUE	11.95
No. 11—RED	7.80
No. 13—LIGHT BLUE	9.30
No. 17—DARK GRAY	9.75

DIMENSIONS:

Nos.	1	2	3	11	13	17
Lifting Capacity, Tons.	10	15	16	12	15	20
Diameter Screw, in.	1¼	1½	1¾	1¾	1¾	2
Hgt. over all, Closed, in.	14	18¾	18¾	14¼	14¼	13¼
Height over all, Extended, in.	22	26	29½	22	23½	17¾
Wgt. each about, lbs.	15	21	30	17	22	22

Packed Loose.



SIMPLEX JUNIOR.

GENERAL UTILITY—LACQUERED ASSORTED COLORS RED, BLUE AND GREEN.

Complete with Forged Heat Treated Lever Bar 9-1/4 in.; Attractively Finished with Genuine Lacquer, preventing Corrosion.

A Sturdy Little Jack for use around the House, Garage, Farm and Shop; Will Lift any Auto or Motor Truck without Danger of Tipping or Collapsing; The Hand Hold permits the Screw to be in Sight at all times and eliminates the Danger of Raising too High.

Each

No. 25—CAPACITY 4 TONS; Diameter of Screw 1 in.; Height over all closed 8 in.; Height over all extended 12¾ in.; Weight each about 5¾ lbs. $4.20

One-half Dozen, 2 Red, 2 Blue and 2 Green in a Box; Weight per Box about 35 lbs.

‡GEARED JACKS.

SIMPLEX—SINGLE ACTING.

For the Easy Handling of Refrigerator and Railroad Cars, Locomotives, or for Heavier Industrial Work.

Operates on Down-stroke of Lever, Raising or Lowering Rack Bar on each Stroke of Lever.

Malleable Iron Standard and Gear Case, with Drop Carryings Handles; Drop Forged Steel Ratchet Wheel Pinion and Cap; Chrome Nickel Steel Rack Bar and Pawls; Steel Bushings and Keys; Bronze Bearings; Crucible Steel Lever Socket; Heavy Trunnion Bearing and Lever Socket rotate in Hardened Steel, Closed-end, Lubricant-retaining Bushings; Grease Cups provided where necessary; Pawls are Locked under all circumstances so that Load cannot be dropped; Raising or Lowering Movement of Rack Bar is governed by Indicator at Side of Jack; Straight Grained Hard Maple Pole.

	Each
‡No. 125—LIFTING CAPACITY 25 TONS; Lift 16½ in.; Height, Closed, 27 in.; Rack Bar 2¼x2 in.; Pole 6 ft. Long; Weight each about 165 lbs.	$216.00

Packed Loose.

‡TRACK JACKS.

SIMPLEX.

Malleable Iron Standard; Drop Forged Steel Rack Bar and Pawls; Steel Bushings and Keys; The Mechanism Locks Working Parts in Every Position, preventing Dropping of Load; Crucible Steel Lever Socket; Straight Grained Hard Maple Poles.

DOUBLE ACTING TRIP.

Operates on Up or Down-stroke of Lever and Trips at any Position.

On account of their Efficiency, Economy and Construction these Jacks were recommended and adopted by the Roadmasters and Maintenance of Way Association.

For Heavy Track, Ballast and Crossing Work; Massive Construction for Hard, Abusive Work.

	Each
‡No. 100/8—LIFTING CAPACITY 16 TONS; Lift 17½ in.; Height, Closed, 29 in.; Rack Bar 1⅞x1⅝ in.; 8½ ft. Pole; Weight each about 70 lbs.	$56.70

SINGLE ACTING.

Operates on Down-stroke of Lever.

Heavy Trunnion Bearing and Lever Socket rotate in Hardened Steel, Closed-end, Lubricant Retaining Bushings; Reversing Device and Side changes Directions of Operation when revolved in Half-circle.

For Bridge and Construction Work, Public Utilities, Contractors, Railroads, Boiler and Machinery Movers and Riggers, etc.

	Each
‡No. 24/8—LIFTING CAPACITY 15 TONS; Lift 11½ in.; Height, Closed, 22½ in.; Rack Bar 1⅞x1¾ in.; 6 ft. Oval Hickory Pole; Weight each about 51 lbs.	$70.50

Packed Loose.

‡POLE JACKS.

SIMPLEX.

For Pulling up Telephone and Telegraph Poles; Also for Railroad and Industrial Service.

A COMBINATION CRANE AND JACK; Operates on Down-stroke of Lever and Can be Raised One Notch at a Time; Pivots on its own Base from 45 to 90 Degrees to the Horizontal, and Lifts, Lowers, Pushes and Pulls at any Angle.

Malleable Iron Standard and Base; Standard Rests on Two Curved Shoulders and held in position with Studs; Drop Forged Steel Lever Sockets and Pawls; Chrome Nickel Steel Drop Forged Rack Bar with Corrugated Cup and "V" Notched Side which will quickly engage Wooden Beams, Boxes, etc., and maintains firm contact against Metal Surfaces when pushing at any Angle; Steel Bushings and Keys; Massive Trunnion Bearings and Lever Socket rotate in Hardened Steel, Closed-end, Lubricant-retaining Bushings.

Complete, with 8 ft. Steel Chain with Grab Hook, 5 ft. Combination Steel Lever, Pinch Bar and Car Mover; Also One 2-ft., 25-lb. "I" Beam Base Support, 16 in. Wide, to prevent slipping, and also acts as a Substantial Foundation for Base of Jack where Ground is Soft or Hollowed.

	Each
‡No. 320—LIFTING CAPACITY 15 TONS; Lift 23 in.; Height, closed, 29 in.; Rack Bar 1½x1¾ in.; Weight each about 95 lbs.	$147.00

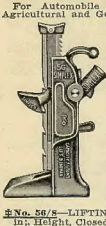
Packed Loose.

‡*Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

‡INDUSTRIAL JACKS.

SIMPLEX—SINGLE ACTING.

For Automobile Trucks, Heavy Cartage, Tractors, Agricultural and General Service.



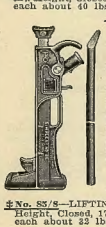
Operates on Down-stroke of Lever; The Arc of Travel of Lever Bar permits this Jack being used under every Type of Truck or Van or in Confined Spaces.

Malleable Iron Standard; Drop Forged Steel "H" Beam Rack Bar with Adjustable Shoe that can be Raised or Lowered on Rack, Locking firmly at any position; Drop Forged Steel Pawls; The Mechanism Locks Working Parts in every position, preventing dropping of Load; Steel Bushings and Keys; Drop Forged Steel Lever Socket; Heavy Trunnion Bearing and Lever Socket rotate in Hardened Steel Closed End, Lubricant Retaining Bushings; Reversing Lever on Side changes direction of Operation.

Complete with 5 ft. Steel Lever Bar.

Each

‡No. 56/8—LIFTING CAPACITY 10 TONS; Lift 10¼ in.; Height, Closed, 17 in.; Rack Bar 2x1½ in.; Weight each about 40 lbs.....$63.00



For Mining, Agricultural and Factory Service, etc.

Operates on Down-stroke of Lever; Highly Efficient for Severe Duty.

Malleable Iron Standard; Drop Forged Steel Rack Bar and Pawls; Pawls are Interlocked, preventing Dropping of Load; Steel Bushings and Keys; Drop Forged Steel Lever Socket folds into Vertical Position when not in use; Heavy Trunnion Bearings and Lever Socket rotate in Hardened Steel Closed-end Lubricant-retaining Bushings; Reversing Device on Side changes Direction of Operation when revolved in Half-circle.

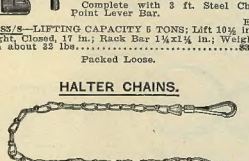
Complete with 3 ft. Steel Chisel Point Lever Bar.

Each

‡No. 85/8—LIFTING CAPACITY 5 TONS; Lift 10½ in.; Height, Closed, 17 in.; Rack Bar 1¼x1¼ in.; Weight each about 22 lbs.....$33.60

Packed Loose.

HALTER CHAINS.



TENSO PATTERN.

Weldless Steel Chain, with Welded Ring; Wire Toggle and Snap.

4½ FOOT—BRIGHT FINISH.

Nos.	3/0-4½ T	2/0-4½ T	0-4½ T	1-4½ T
Wire Gauge Nos.	9	10	11	12
Wgt. per dozen abt., lbs.	14	12	9¾	7
Per dozen	$4.75	4.25	3.75	3.50
	6.00	5.40	4.65	4.35

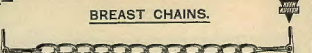
Nos.	2-4¼ T	3-4¼ T	4-4¼ T	5-4¼ T	6-4¼ T
Wire Gauge Nos.	13	14	15	16	17
Wgt. doz. abt., lbs.	5¾	4	3½	2¾	2¼
Per dozen	$3.25	2.35	2.15	2.15	2.00
	3.90	3.00	3.75	3.75	3.45

6 FOOT—BRIGHT FINISH.

Nos.	3/0-6T	2/0-6T	0-6T	1-6T
Wire Gauge Nos.	9	10	11	12
Weight per dozen about, lbs.	17	16	11	9
Per dozen	$6.25	5.50	4.75	4.25
	7.80	6.90	5.85	5.25

Nos.	2-6T	3-6T	4-6T	5-6T	6-6T
Wire Gauge Nos.	13	14	15	16	17
Wgt. doz. abt., lbs.	7¾	6¼	5¼	3¾	3¾
Per dozen	$4.00	4.00	3.75	3.75	3.65
	4.80	4.80	4.50	4.50	4.35

BREAST CHAINS.



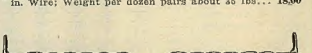
WESTERN STANDARD, SINGLE.

Steel Chain, Bright, Welded Twist Links, with Malleable Iron Toggles.

Per Dozen Pairs

No. A—26-8-2; 26 in. Long; 8 Links to the foot; ¼ in. Wire; Weight per dozen pairs about 32 lbs...$16.35

No. G—30-8-2; 30 in. Long; 8 Links to the foot; ¼ in. Wire; Weight per dozen pairs about 35 lbs... 18.00

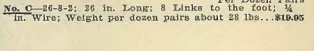


WESTERN STANDARD, SINGLE SLIDE.

Steel Chain, Bright, Welded Twist Links, with Malleable Iron Slide and Toggles.

Per Dozen Pairs

No. C—26-8-2; 26 in. Long; 8 Links to the foot; ¼ in. Wire; Weight per dozen pairs about 28 lbs...$19.05



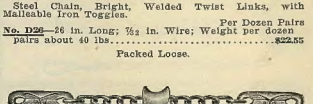
WESTERN STANDARD, DOUBLE, SLACK OR STAR.

Steel Chain, Bright, Welded Twist Links, with Malleable Iron Toggles.

Per Dozen Pairs

No. D26—26 in. Long; ⅝ in. Wire; Weight per dozen pairs about 40 lbs.....$22.55

Packed Loose.



AJAX—BRIGHT FINISH.

Easily shortened by taking up the links successively and dropping one or more as shown in the cut. The Snap or saddle shaped connection in the center of the Chain obviates the great wear which Chains and Neck Yoke Rings are usually subjected to. The length of the Center Breast Chain Snap and End Snaps are included in the measurement of the Chain.

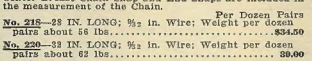
Per Dozen Pairs

No. 218—28 IN. LONG; ⅝ in. Wire; Weight per dozen pairs about 56 lbs.....$34.50

No. 220—33 IN. LONG; ⅝ in. Wire; Weight per dozen pairs about 62 lbs.....38.00

One-sixth Dozen Pairs in a Cardboard Box.

STRETCHER CHAINS.



REGULAR PATTERN.

Welded Straight Links, Forged Hook; Bright Finish. Length over all 60 In.; 5 Links to the foot.

Per Pound

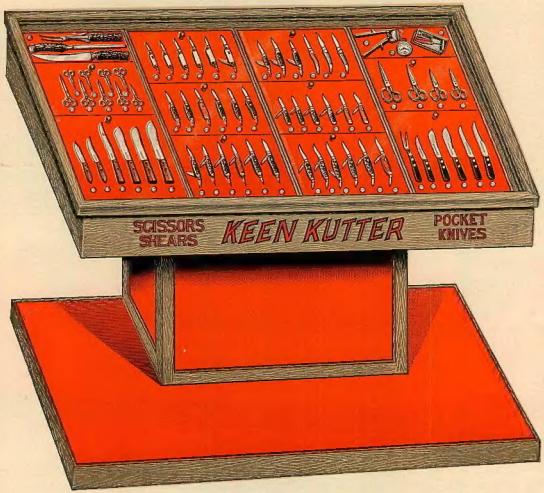
No. 816W—⅞ IN. WAGON; Weight per dozen about 81 lbs.....$0.44

No. 38W—⅜ IN. WAGON; Weight per dozen about 106 lbs.....38

500 lbs. in a Cask.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

KEEN KUTTER* MODERN MERCHANDISER No. K1935



Correctly Designed and Finished in Light Oak, with N. R. H. A. Orange Display Panels.

57 in. Long, 31¼ in. Wide, 32⅛ in. High in Front and 35 in. High in Back; Fitted with Lock and Key.

Top Glass is composed of Two Large Sliding Plates, Allowing Quick, Sure Inspection and Selection of Merchandise.

Merchandiser Complete with Four Inserts which show a sample of each Item on the Removable Trays or Panels. Partitions in Insert stock compartments are Removable giving Larger Space if desired.

Inserts suggested for Correct Cutlery Display—Two No. 1 showing 36 Patterns of Pocket Knives—One No. 5 showing 9 Patterns of Scissors and 6 Butcher Knives or Slicers—One No. 6 showing 4 Patterns of Shears and 6 Butcher Knives or Slicers. Inserts are adapted to fill any merchant's need—18, 36 or 54 Patterns of Pocket Knives may be carried; Likewise 24 or 34 kinds and sizes of Shears and Scissors may be displayed; 12 or 24 Butcher Knives or Slicers up to 8 in. can be shown. Insert No. 4 Displays 5 Butcher Knives up to 12 in. and 12 Paring Knives. Or the Case may be used entirely for either Pocket Knives, Shears and Scissors or Household Cutlery.

Each

No. K1935—Merchandiser Complete, with Top and Base. No Merchandise (Specify Inserts wanted) **$135.00**

Base is shipped Knocked Down and Crated Flat, Top is in One Piece Crated.

Glass is Packed Separately; Total Weight 295 lbs.

YOU CAN ACQUIRE ONE OF THESE BEAUTIFUL MERCHANDISERS WITHOUT COST TO YOU. SEE OUR SALESMAN OR WRITE US DIRECT.

KEEN KUTTER* MODERN MERCHANDISER NO. K1934

Correctly Designed and Finished in Light Oak, with N. R. H. A. Orange Display Panels.

84¼ in. Long, 31¼ in. Wide, 32⅛ in. High in Front and 35 in. High in Back; Fitted with Lock and Key.

Top Glass is composed of Three Large Sliding Plates, Allowing Quick, Sure Inspection and Selection of Merchandise.

Merchandiser Complete with Six Inserts which show a sample of each Item on the Removable Trays or Panels. Partitions in Insert stock compartments are Removable giving Larger Space if desired.

Inserts suggested for Correct Cutlery Display—Two No. 1 showing 36 Patterns of Pocket Knives—Two No. 2 showing 24 Patterns of Shears and Scissors—One No. 3 showing 12 Patterns of Butcher Knives or Slicers up to 8 in.—One No. 4 showing 5 Patterns of Butcher Knives up to 12 in. and 12 Patterns of Paring Knives. Inserts are adapted to fill any merchant's need—18, 36 or 54 Patterns of Pocket Knives may be carried; Likewise 24 or 34 kinds and sizes of Shears and Scissors may be displayed; 12 or 24 Butcher Knives or Slicers up to 8 in. can be shown. Insert No. 4 Displays 5 Butcher Knives up to 12 in. and 12 Paring Knives. Or the Case may be used entirely for either Pocket Knives, Shears and Scissors or Household Cutlery.

No. K1934—Merchandiser Complete, with Top and Base. No Merchandise (Specify Inserts wanted) ..... Each **$195.00**

Base is shipped Knocked Down and Crated Flat, Top is in One Piece Crated.
Glass is Packed Separately; Total Weight 408 lbs.

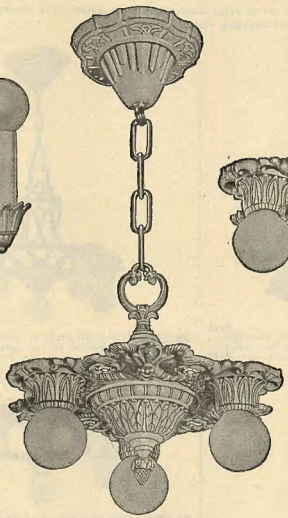
YOU CAN ACQUIRE ONE OF THESE BEAUTIFUL MERCHANDISERS WITHOUT COST TO YOU. SEE OUR SALESMAN OR WRITE US DIRECT.

ELECTRIC BULBS NOT INCLUDED.

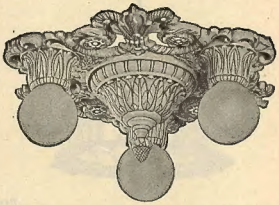
ELECTRIC LIGHTING FIXTURES.

WIRED THROUGHOUT.

G 3506



G 3505



G 3504

G 3502

G 3503

FINISHED IN ANTIQUE IVORY, WITH TOUCHES OF PASTEL COLORS; MADE OF CAST ALUMINUM.

Each

No. G3502—One-light Ceiling Fixture; Keyless Socket; 7½ in. at Ceiling; Weight Each about 1 lb. $2.55

No. G3503—Two-light Ceiling Fixture; Wired with Two Keyless Sockets; 13½x6½ in.; Weight Each about 2 lbs. 4.05

No. G3504—Three-light Ceiling Fixture; Wired with Three Keyless Sockets; Diameter 11¼ in.; Weight each about 3 lbs..... 5.40

Each

No. G3505—Three-light Pendant Fixture; Wired with Three Keyless Sockets; Diameter 11½ in.; Length 30 in.; Weight Each about 6 lbs. $9.30

No. G3506—One-light Bracket; Canopy Switch; Back Plate 10¼x4 in.; Extends 4¾ in.; Weight Each about 2 lbs. $4.05

One in a Carton.

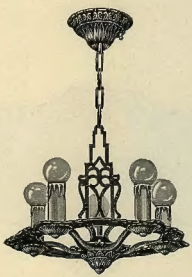
ELECTRIC BULBS NOT INCLUDED.

ELECTRIC LIGHTING FIXTURES.

WIRED THROUGHOUT.

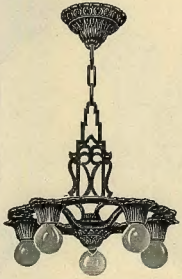
THE DELMAR LINE.

MADE OF ALUMINUM METAL WITH FINE DETAIL AND FINISHED IN A NEUTRAL TONE OF ANTIQUE GOLD AND COLOR.



Each

No. G3647—Five-light Fixture; Wired with Five Keyless Sockets; Spread 17 in.; Length 36 in.; weight each about 8 lbs. **$9.00**



Each

No. G3646—Five-light Fixture; Wired with Five Keyless Sockets; Spread 17 in.; Length 36 in.; Weight Each about 8 lbs. **$8.70**

Each

No. G3648—Three-light Pendant Fixture; Keyless Sockets; Canopy Switch in Bottom of Fixture; Spread 12 in.; Length 36 in. **$7.05**

No. G3649—Two-light Pendant Fixture; Keyless Sockets; Canopy Switch in Bottom of Fixture; Spread 12 in.; Length 36 in. **6.30**

Weight Each about 6 lbs.

Each

No. G3645—Five-light Ceiling Fixture; Keyless Sockets; Spread 17 in.; Weight Each about 6 lbs. **$6.75**

Each

No. G3641—One-light Bracket; Canopy Switch; Wired with Keyless Socket; Back Plate 10x4½ in.; Weight Each about 3 lbs. **$3.00**

One in a Carton.

LANTERNS.

DIETZ TUBULAR—FOR KEROSENE.

Can be Filled, Lighted and Regulated without Removing the Globe.

Made of Heavy Gauge Metal, Smoothly Finished; All Joints Securely Soldered; Side Tubes Double Seamed and reinforced; All Edges Hemmed, leaving no Sharp Edges anywhere; Bottoms made of Heavy Terne Plate to Resist Corrosion; 10 Gauge Steel Wire Standing Rail Hooked into Patent Brass Eyelets; Solderless Founts; Extra Large Filler Cap and Collar.

LITTLE WIZARD.

COLD BLAST.

HEAVY TIN, BRIGHT; Large Round Tubes; Safety Inside Side Lift Braced to Fount; No. 201 Tinned Steel Winglock Burner with ⅝ in. Wick; Dome-shaped Oil Fount, Capacity 1¼ Pints; Diameter of Base 3½ in.; Height with Ball Down 11½ in.

Holds Sufficient Oil to Burn 30 Hours; Volume of Light by Test 6 Candle Power.

Per Dozen

No. 1LW—With No. 1NS Clear Glass Globe $28.50

No. 1LWR—With No. LWLGR Ruby Globe 34.20

One Dozen in a Fibre Box; Weight per Dozen about 24 lbs.

WAGON LANTERNS HAVE A COMBINATION LEFT HAND DASHBOARD ATTACHMENT, Consisting of a Side Clip-spring and a Socket which takes a Round or a Flat Bracket; Bright Corrugated Tin Reflector with a 2 in. Ruby Rear Lens.

DIETZ JUNIOR—WAGON.

COLD BLAST.

Large Round Tubes; Sliding Inside Side Lift; No. 201 Tinned Steel Winglock Cone Burner with ⅝ in. Wick; No. 1 Globe; Dome-shaped Oil Fount, Capacity ⅝ Pint; 2 IN. BULL'S EYE IN SIDE, FINE, SECURELY SOLDERED TO GLOBE PLATE; Diameter of Base 5½ in.; Height with Ball Down 12 in.

Holds Sufficient Oil to Burn 15 Hours; Reflected Light by Test 10 Candle Power.

Per Dozen

No. 1JW—HEAVY TIN, BLACK ENAMELED, WITH FLAT BRACKET; Weight per dozen about 42 lbs. $52.80

One-half Dozen in a Fibre Box.

COLD BLAST.

No. 2 BLIZZARD.

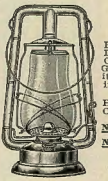
Large Round Tubes; Safety Inside Side Lift; Notched Ball Holder at Side of Tube; No. 262 Tinned Steel Winglock Burner with 1 in. Wick; No. 0 Globe; Dome-shaped Oil Fount, Capacity 1 Quart; Diameter of Base 6⅝ in.; Height with Ball Down 14¾ in.

Holds sufficient Oil to Burn 45 Hours; Volume of Light by Test 10 Candle Power.

Per Dozen

No. 2DT — HEAVY TIN, BRIGHT $39.00

One-half Dozen in a Fibre Box; Weight per Dozen about 30 lbs.



MONARCH.

HOT BLAST.

HEAVY TIN, BRIGHT; Large Round Tubes; Positive Locking Globe Lift; No. 411 Tinned Steel Winglock Cone Burner with ⅝ in. Wick; No. 0 Globe; Dome-shaped Oil Fount, Capacity 1¼ Pints; Diameter of Base 5⅝ in.; Height with Ball Down 13½ in.

Holds Sufficient Oil to Burn 18 Hours; Volume of Light by Test 4 Candle Power.

Per Dozen

No. OM—WITH No. O GLOBE $25.20

No. OMR—WITH No. OR RUBY GLOBE 31.20

One Dozen in a Fibre Box; Weight per Dozen about 28 lbs.

D-LITE.

COLD BLAST.

Large Round Tubes; Safety Inside Side Lift Braced to Fount; No. 262 Tinned Steel Winglock Burner with 1 in. Wick; No. 2NS Locnob Globe; Dome-shaped Oil Fount, Capacity 1 Quart; Diameter of Base 6½ in.; Height with Ball Down 13¾ in.

Holds Sufficient Oil to Burn 45 Hours; Volume of Light by Test 10 Candle Power.

Per Dozen

No. 2DDT — HEAVY TIN, BRIGHT $39.00

One-half Dozen in a Fibre Box; Weight per Dozen about 36 lbs.

DIETZ—SPORT.

FOR KEROSENE OR SIGNAL OIL.

Can be Filled, Lighted and Regulated without removing Globe.

Heavy Tin Body and Perforated Canopy; Canopy Hinged on Tinned Steel Wire Guard; Tinned Steel Wire Bail.

Heavy Tin Oil Fount with Safety Well, held securely by automatic Retaining Springs; Fitted with Tinned Steel Winglock Burner, with Brass Wick Tube, locked to Fount by short Turn; ⅝ in. Wick; Outside Wick Raiser.

Height with Ball Down, 7½ in.; Oil Fount Capacity ⅛ Pint.

Per Dozen

No. LSR—RED GLOBE $20.25

Weight per Dozen about 10 lbs.

One Dozen in a Fibre Box.

LANTERNS.

DIETZ TUBULAR—FOR KEROSENE.

Can be Filled, Lighted and Regulated without Removing the Globe.

COLD BLAST.

Made of Heavy Gauge Metal, Smoothly Finished; All Joints Securely Soldered; Side Tubes Double Seamed and Reinforced; All Edges Hemmed, leaving no Sharp Edges Anywhere; 10 Gauge Steel Wire Standing Ball Hooked into Patent Brass Eyelets; Solderless Founts; Extra Large Filler Cap and Collar.

LITTLE GIANT.

HEAVY TIN, BRIGHT; Large Round Tubes; Safety Inside Side Lift; No. 201 Tinned Steel Wingtock Burner with ⅞ in. Wick; Dome-shaped Oil Fount, Capacity 3⅞ Quarts; Diameter of Base 7⅛ in.; Height with Bail Down 12 in.

Holds Sufficient Oil to Burn 70 Hours; Volume of Light by Test 6 Candle Power.

Per Dozen

No. 1LG—With No. 1NS Locnob Globe.....$32.25

No. 1LGR—Wit No. LWLGR Ruby Globe..... 39.00

One Dozen in a Fibre Box; Weight per Dozen about 31 lbs.

CONTRACTORS' LANTERNS.

DIETZ—8-DAY.

A Dependable Lantern in any weather; For Municipalities, Contractors and Utilities.

This Railroad Type Lantern with flame properly regulated will burn 8 Full Days without Attention; Its Enduring Construction will withstand rough usage of any Kind; The Broad Non-tip Fount keeps Lantern upright at all times.

Large Non-tip Square Shaped Fount 6x6¼ in. with Reinforced Double Seams and Slunker; Brass Burner with ⅞ in. Wick; Heavy Tinned Steel and Wire Guards, Electrically Welded; Heavy Wire Bail, can be folded down without touching ground; Special Bail Ears hold Bail upright rigidly if desired; Complete with Little Wizard Globe; Outside Filler; Height with Bail Down 9¼ in.

Holds 40 ozs. of Kerosene, sufficient to burn 200 Hours; Volume of Light 1 Candle Power.

RED ENAMELED FINISH.

Per Dozen

No. DS—WITH No. 1NS CLEAR GLASS GLOBE....$35.25

No. DSR—WITH No. LWLGR GENUINE RUBY GLASS GLOBE 42.00

One Dozen in a Carton; Weight per Dozen about 38 lbs.

HIGHWAY FLARE TORCHES.

DIETZ.

These Weighted, Spherical Torches are balanced to right themselves if struck by passing vehicles; They are built of Steel to withstand rough usage. The All-Weather Burner is fitted with Carrying Loop, Automatic Lock and Adjustable Rain Shield.

Heavy Steel All-Weather Burner, with ⅝ in. Wire Carrying Loop and Steel Rain Shield; Complete with ⅝ in. Round Wick.

Diameter 7⅝ in.; Height to Top of Burner 7¼ in.; Burns Kerosene or Light Fuel Oil—Capacity 3 Quarts; Will burn more than 36 hours.

Per Dozen

No. 98—Black Enameled Tank; Dull Nickel Finish Burner, Loop and Shield; Weight per dozen about 84 lbs. $41.25

Three in a Carton.

LANTERNS.

PAULL'S—TUBULAR.

FOR KEROSENE.

Can be Filled, Lighted and Regulated without Removing Globe.

COLD BLAST.

Heavy Tin, Smoothly Finished; All Joints securely Soldered; All Edges Hemmed, leaving no sharp edges anywhere; 10 Gauge Steel Wire Bail with Metal Projections to hold Bail upright; Large Fount, with Double Seamed Bottom; Large Filler Cap and Collar.

LEADER.

Heavy Tin, Bright; Large Round Tubes; Inside Crank Lift; No. 2 Tinned Steel Lock Burner, with Brass Wick Tube and 1 in. Wick; Tinned Steel Cone; Tinned Steel Wire Globe Guard crimped to Perforated Globe Plate; No. 0 Cold Blast Globe; Diameter at Base 7⅛ in.; Height with Bail Down 14⅝ in.

Globe is removed by drawing up on Ring on Top of Canopy, when Globe will swing back and can be removed.

Holds 1 Quart of Oil, sufficient to Burn 45 Hours; Volume of Light by Test 10 Candle Power.

Per Dozen

No. 180—HEAVY TIN, BRIGHT; Weight per dozen about 37 lbs. $34.50

One-half Dozen in a Fibre Box.

EZY-LIT.

Heavy Tin, Bright; Large Round Tubes; Inside Crank Lift; No. 2 Tinned Steel Lock Burner, with Brass Wick Tube and 1 in. Wick; Tinned Steel Cone; Tinned Steel Wire Globe Guard crimped to Perforated Globe Plate; No. 2NS Short Globe; Diameter at Base 7⅛ in.; Height with Bail Down 14⅛ in.

Globe is removed by raising Wire Hook on Metal Ring, when Globe will swing back and can be removed.

Holds 1 Quart of Oil, sufficient to Burn 45 Hours; Volume of Light by Test 10 Candle Power.

Per Dozen

No. 210—HEAVY TIN, BRIGHT; Weight per dozen 37 lbs. $34.50

One-half Dozen in a Fibre Box.

HOT BLAST.

LEADER.

New Inside Crank Lift raises the Globe and swings forward, away from the operator, leaving the wick Exposed and the Oil Filler clear for Filling.

Heavy Tin, Bright; Large Round Tubes; Inside Crank Lift; No. 0 Tinned Steel Lock Burner, with Brass Tube and ⅝ in. Wick; Diameter of Base 5⅝ in.; Height with Bail Down, 14¼ in.

Holds One Pint of Oil, sufficient to Burn 30 Hours; Volume of Light by Test 4 Candle Power.

HEAVY TIN, BRIGHT.

Per Dozen

No. 140—WITH CLEAR GLASS GLOBE.....$22.50

No. 140R—WITH RED FIRE-STAINED GLOBE.... 24.75

One-half Dozen in a Fibre Box; Weight per Dozen about 26 lbs.

HARMONICAS.

KOCH'S BUGLE CALL.

A Well Made Finely Toned Instrument, with Convex Covers and Open Back.

Has 10 Single Holes and 20 Reeds; Brass Plates; Finely Nickel Plated Covers with Open Back; Tuned in Assorted Keys of "C" and "G".

Per Dozen

No. 774—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb.....$10.50

One in an Attractive and Durable Hinged Cardboard Box.

HOTZ' BLUE RIBBON.

This instrument is Guaranteed by the Maker to be perfect in tone, every dozen being of uniform quality.

Has 10 Single Holes and 20 Reeds; Brassed Plates; Highly Polished, Nickel Plated Covers; Assorted in the Keys of "C" and "G".

Per Dozen

No. 00—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb.....$4.80

One in a Durable Telescope Cardboard Box.

HOTZ' MELODY KING.

A Most Attractive and Satisfactory Harmonica at the price; Perfectly Tuned.

Large Double-sided Instrument in Two Different Keys; 64 Tuned Reeds; Brassed Plates; Finely Nickel Plated Covers, with Turned-in Ends, Perforations and Fancy Engraved Border.

Tuned in the Keys of "C" and "G".

Per Dozen

No. 084—Length 5 in.; Width 2 in.; Weight per dozen about 1 lb.....$14.40

One in a Beautifully Gold Embossed Hinged Cardboard Box.

HOTZ "ALL STAR".

This Assortment Contains Twelve Fine Harmonicas as listed below; All with 10 Single Holes, 20 Reeds, Brassed Plates and Nickel Plated Covers; Size 4x1 in.; Mounted on an Attractive Display Card 12⅝x14⅝ in.

Each Harmonica is in a very Attractive Box, either Cardboard or Metal as noted.

For Assortment

No. 025—Assortment OF TWELVE HARMONICAS; Weight per Assortment about 2¾ lbs.....$6.00

CONTENTS:

2 No. 01—"The Sport"; In Hinged Cardboard Box.
2 No. 02—"The American Ace"; In Telescope Cardboard Box.
2 No. 08—"Atta Boy"; In Hinged Cardboard Box.
4 No. 017—"Harmonica King"; In High Grade Lithographed Hinged Metal Box.
2 No. 024—"The Song Bird"; In Hinged Cardboard Box.

One Assortment in a Carton.

We Invite Correspondence

WHENEVER your ***MAIL ORDERS*** are not handled to your entire satisfaction, write us, or take it up with our traveling representative. This will save you time, which is valuable. He is authorized to act.

OUR SHIPPING FACILITIES ARE UNEQUALED

HARMONICAS.

HOHNER'S MARINE BAND.

This instrument has an international reputation for accuracy of tone and simplicity and is the Choice of Music Teachers and Professional Players everywhere.

Has 10 Single Holes and 20 Reeds; Brass Plates; Heavy Convex Covers, Finely Nickel Plated; Assorted Keys of "C" and "G".

Per Dozen

No. 1896—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb. $14.40

In Hinged Cardboard Box, with Photo of U. S. Marine Band.

Here is an Assortment of Twelve Hohner's "Marine Band" Harmonicas mounted on a convincing, effective and most attractive Display 15 in. Wide, 22 in. High, featuring an enthusiastic Harmonica Player; This is a most outstanding display and will attract unusual attention.

Per Assortment

No. 3—Assortment OF TWELVE HARMONICAS No. 1896, Assorted Keys of "C" and "G"; Weight per Assortment about 4 lbs. $14.40

HOHNER'S OLD STANDBY.

This is one of Hohner's Best numbers, Absolutely Accurate in Tone and has been made without change in Style for over 70 years.

Has 10 Single Holes and 20 Reeds; Brass Plates; Finely Nickel Plated Covers; Tuned in Assorted Keys of "C" and "G".

Per Dozen

No. 34B—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb. $11.55

One in a Neat, Durable Hinged Cardboard Box.

Sell Harmonicas and Other Musical Toys

This Assortment consists of Twelve "Old Standby" Harmonicas, 4x1 in., with 10 Single Holes, 20 Reeds, Brass Plates and Finely Nickel Plated Covers; (Assorted Keys of "C" and "G") in a Novel and Attractive Counter or Show Case Display 7¾ in. Wide, 13¼ in. High.

Per Assortment

No. 2—Assortment OF TWELVE HARMONICAS No. 34B; Weight per Assortment about 2¼ lbs. $11.55

One Assortment in a Package with Instruction Books.

POHL'S COMET.

Has 20 Holes and 10 Reeds; Metal Plates; Convex Covers; Nickel Plated and Nicely Lithographed in Colors; Open Back; Colored Frame; Assorted Keys of "C" and "G".

Per Dozen

No. 8091—Length 4⅝ in.; Width 1 in.; Weight per dozen about 1 lb. $2.40

One in a Telescope Cardboard Box, with Attractive Label.

POHL'S TREMOLO CONCERT.

An Attractive instrument for practical purposes; Reeds are accurately tuned.

Has 24 Holes and 10 Reeds; Metal Plates; Finely Nickel Plated Covers with Turned-in Ends and Open Back; Mahogany Frame; Assorted Keys of "C" and "G".

Per Dozen

No. 164—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb. $2.25

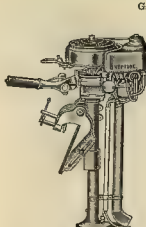
One in a Tuck-end Cardboard Box with Attractive Label.

—1711—

‡OUTBOARD MOTORS.

NEPTUNE.

Gasoline Control in Steering Handle.



NEPTUNE SINGLE CYLINDER—2 HORSE POWER.

For Canoes and Row Boats.

Each

‡No. OB2—WITH UNDERWATER EXHAUST; Weight each about 30 lbs..... $145.50

One in a Case; Shipping Weight 55 lbs.

SPECIFICATIONS.

MOTOR—Single-cylinder, three-port high speed type.

DIMENSIONS—Length 36 in.; Width 10 in.; Stern Height 14 in.

POWER—2 H. P. at 2800 R. P. M.

CYLINDERS—Highest quality nickel cylinder iron, Bore 2 in., stroke 1½ in.

MOTOR AND EXHAUST—Highly efficient under-water exhaust.

PISTONS—Semi-Steel, three-ring type.

CRANK CASE—High Compression type. Special aluminum alloy.

CRANK SHAFT—Drop forged, highest grade chrome-nickel steel, accurately counter-balanced and ground.

CONNECTING RODS—Special alloy phosphor-bronze.

BEARINGS—Special "oilite" bearings, self-lubricating.

GASOLINE TANK—Aluminum, ¼ gallon capacity.

STERN BRACKET—Die cast aluminum alloy of high tensile strength.

PROPELLER—Two-blade 7⅝ in. diameter; 5¼ in. pitch, Weedless Type.

LOWER STEM AND GEAR CASE—Die Cast Aluminum Alloy, scientifically stream-lined and polished.

GEARS—Chrome nickel alloy. Gear ratio 14 to 21.

PROPELLER SHAFT AND DRIVE SHAFT—Monel Metal, polished.

COOLING SYSTEM—Positive centrifugal pump and siphon, efficient at all speeds.

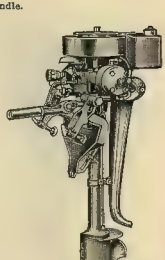
IGNITION—High-tension flywheel type. Easy starting, moisture-proof.

CARBURETOR—Automotive type, float feed. Gasoline control in steering handle

AUTOMATIC TILT—Motor is pivoted to main Frame, permitting the propeller and shaft to tilt over obstructions; Motor can be tilted for beaching.

STEERING—Tiller Handle, with Gasoline Throttle in handle (Motorcycle type) provides easy and convenient control.

WEIGHT—Approximately 30 lbs.



THE JUNIOR NEPTUNE TWIN—4 HORSE POWER.

For Large Canoes, Row Boats and Dinghies.

Each

‡No. OB4UE—WITH UNDERWATER EXHAUST. $196.50

One in a Case; Weight Each about 45 lbs.; Shipping Weight 70 lbs.

SPECIFICATIONS

MOTOR—Two-cylinder, three-port high speed type. Cylinders are directly opposed, eliminating vibration.

DIMENSIONS—Length 38 in.; Width 14½ in.; Stern Height 14 in.

HORSE POWER—4 H. P. at 3000 R. P. M. Capable of speed of 300 to 2200 R. P. M.

SPEED—On average open boats, 3 to 12 miles per hour, depending on lines and load; 12 to 14 miles on light, easily-driven hulls.

CYLINDERS—Nickel Iron, with detachable high-compression heads greatly increasing power. Bore 2 inches, stroke 1½ inches.

PISTONS—Semi-steel, three-ring type.

CONNECTING RODS— Special alloy phosphor-bronze.

CRANK CASE—High compression type. Special aluminum alloy

CRANK SHAFT—Drop forged from highest grade chrome-nickel steel. Accurately machined, balanced and ground.

BEARINGS—Phosphor-bronze reamed and burnished to size.

GASOLINE TANK—Aluminum, one-gallon capacity.

STERN BRACKET—Special alloy aluminum of high tensile strength.

PROPELLER—Aluminum alloy of 8 inch diameter, 7 pitch, balanced and highly polished, weedless type.

MUFFLER AND EXHAUST Efficient muffler with under-water exhaust.

LOWER STEM AND GEAR CASE—Aluminum, scientifically stream-lined and highly polished.

GEARS—Chrome-nickel alloy, accurately cut and hardened. Gear ratio 14 to 21.

DRIVE SHAFT AND PROPELLER SHAFT—Monel metal, polished.

COOLING SYSTEM—Positive centrifugal pump and syphon, positive cooling at all speeds.

IGNITION—High-tension fly-wheel type. Easy starting and efficient at all speeds. Moisture-proof.

CARBURETER—Automotive type, float feed. Throttle control in steering handle.

TILTING—Motor is pivoted to main frame, permitting the propeller and shaft to tilt over obstructions. Motor can be tilted for beaching.

STEERING—Hinged tiller handle with gasoline throttle in handle (motorcycle type) provides easy control.

WEIGHT—Approximately 45 pounds.

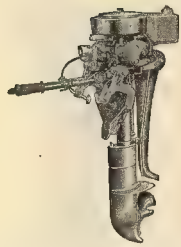
‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

‡OUTBOARD MOTORS.

NEPTUNE

Full Ball and Roller Bearings.

Gasoline Control in Steering Handle.



THE IMPROVED NEPTUNE TWIN—6 HORSE POWER.

For Large Row Boats, Light Boats that Plane, Small Work Boats—Auxiliary Power.

Each

‡No. OB6—WITH UNDERWATER EXHAUST; Weight each about 60 lbs. $221.50

One in a Case; Shipping Weight 70 lbs.

SPECIFICATIONS:

MOTOR—Two-Cylinder, two-cycle, three-port, high-speed type; Ball Bearings on crank shaft.

DIMENSIONS—Length 38 in.; Width 16½ in.; Stern Height 14 in.

MOTOR SPEED—6 H. P. Actual brake test at 3400 R. P. M. Capable of Speeds of 300 to 3800 R. P. M.

CYLINDERS—Nickel cylinder iron with Detachable High-Compression Heads. Bore 2 inches, stroke 1½ inches.

PISTONS—Made of high grade material, three-ring type —two rings above pin, one below.

CRANK CASE—High-compression type, special aluminum alloy.

CRANK SHAFT—Drop forged from highest grade chrome-nickel steel. Accurately machined, balanced, hardened.

CONNECTING RODS—Alloy phosphor-bronze of high tensile strength.

BEARINGS—Ball Bearings are used in all main bearings —for crank shaft, drive shaft and propeller shaft.

GASOLINE TANK Aluminum, one-gallon capacity.

STERN BRACKET—Special alloy aluminum of high tensile strength.

PROPELLER—Aluminum Alloy of 8 in. Diameter, 7 pitch, balanced and highly polished; Weedless Type.

MUFFLER AND EXHAUST—Large Muffler with Underwater Exhaust.

LOWER STEM AND GEAR CASE—Aluminum, streamlined and highly polished; equipped with Ball Bearings.

GEARS—Chrome-nickel alloy steel; Gear ratio 14 to 24.

DRIVE SHAFT AND PROPELLER SHAFT—Highest Monel metal, running in Ball Bearings

COOLING SYSTEM—Positive centrifugal pump and syphon system, positive cooling at all speeds.

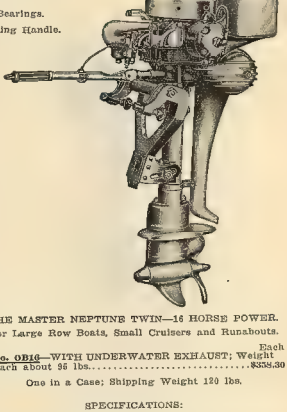
IGNITION—High-tension flywheel type magneto. Easy starting; Moisture-proof

CARBURETOR—Automotive type, float feed; Throttle Control in Steering Handle.

AUTOMATIC TILT—Motor is pivoted to main frame, permitting the propeller and shaft to tilt over obstructions. Motor can be tilted for beaching.

STEERING—Hinged Tiller Handle with gasoline throttle in handle (motorcycle type) provides easy and convenient control. Adaptable for remote control.

WEIGHT—Approximately 50 pounds.



THE MASTER NEPTUNE TWIN—16 HORSE POWER.

For Large Row Boats, Small Cruisers and Runabouts.

Each

‡No. OB16—WITH UNDERWATER EXHAUST; Weight each about 86 lbs. $338.50

One in a Case; Shipping Weight 120 lbs.

SPECIFICATIONS:

MOTOR—Two-cylinder, two-cycle, three-port, high-speed type with Ball Barings on crank shaft. Cylinders are directly opposed, eliminating vibration.

DIMENSIONS—Length 43 in.; Width 20½ in.; Stern Height 16 in

MOTOR SPEED—300 to 4850 R. P. M. Develops 16 H. P. at 4000 R. P. M. Recommended speed, 4000.

CYLINDERS—Fine nickel iron, with detachable high-compression heads. Bore 2½ in., stroke 2 in.

MUFFLER AND EXHAUST—Extra large muffler with under-water exhaust for silence. Provided with a cutout.

PISTONS—Special light-weight alloy.

CRANK CASE—High compression type, special aluminum alloy.

CRANK SHAFT—Drop forged from highest grade chrome-nickel steel. Accurately machined, balanced, hardened, ground to size.

BEARINGS—Ball Bearings are used in all main bearings —for crank shaft, drive shaft, and propeller shaft.

CONNECTING RODS—Drop-forged steel. Roller bearings on crank pins.

GASOLINE TANK—Aluminum, two-gallon capacity.

STERN BRACKET—Very rigid construction. Heat-treated for strength.

PROPELLER—Bronze, 10 inch diameter, 10 pitch accurately balanced and highly polished. Three blade.

LOWER STEM AND GEAR CASE—Aluminum, streamlined polished, equipped with Ball Bearings.

DRIVE SHAFT AND PROPELLER SHAFT—Highest Grade Steel. Runs in Ball Bearings.

GEARS—Chrome-nickel alloy steel. Gear ratio 12 to 21.

COOLING SYSTEM—Positive Centrifugal pump and syphon system, positive cooling at all speeds.

IGNITION—High tension fly-wheel type magneto. Easy starting and efficient at all speeds; Moisture-proof

FLY WHEEL—Of special aluminum alloy, capable of withstanding high motor speeds.

CARBURETOR—Automatic type, float feed, lever control.

AUTOMATIC TILT—Motor is pivoted to main frame, permitting the propeller and shaft to tilt over obstructions. Motor can be tilted for beaching.

STEERING—Hinged Tiller Handle with gasoline Throttle in Handle (motorcycle type) provides easy and convenient control. Adaptable for remote control.

WEIGHT—Approximately 95 pounds.

‡*Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

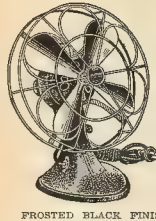
ELECTRIC FANS.

JACK FROST—STREAMLINE.

OSCILLATING.

Built for Efficiency and Long Service and Equipped with a Powerful, Heavy Duty Induction Type Motor (No Radio Interference); Wick-oiled Phosphor Bronze Bearings and Grease Packed Oscillating Mechanism; Attractively Designed Safety Guard; Streamline, Non-tipping Cast Base, Adjustable for Table or Wall Use; Underwriters' Approved Cord, Grip-pull Cap and Approved Switch.

Operates on 110-120 Volts, 50-60 Cycles, Alternating Current Only.



FROSTED BLACK FINISH HIGHLY POLISHED CHROMIUM PLATED BLADES.

Each

No. 60—8 IN.; ONE SPEED, WITH APPROVED SWITCH; Height over all 13 in.; Width 9 in.; Weight each about 4¾ lbs. $12.15

No. 62—10 IN.; ONE SPEED, WITH APPROVED SWITCH; 3-POSITION SELECTIVE OSCILLATION; Height over all 13¾ in.; Width 11¾ in.; Weight each about 15 lbs. 16.20

No. 63—12 IN.; TWO SPEED, WITH APPROVED SWITCH; 3-POSITION SELECTIVE OSCILLATION; Height over all 17 in.; Width 13½ in.; Weight each about 18 lbs. 27.00

JACK FROST—STREAMLINE.

NON-OSCILLATING.

Modern and Streamline, equipped with Induction Type Self-contained Motor; Oil-less, Self-aligning Bearings, which assure a Sturdy, Quiet Running Fan with no Radio Interference; Strong, Well Proportioned Wire Safety Guard; Non-tipping Streamline Cast Base Adjustable for Table or Wall Use; Underwriters' Approved Cord with Grip-pull Cap.

Operates on 110-120 Volts, 50-60 Cycles, Alternating Current Only.

FROSTED BLACK FINISH, HIGHLY POLISHED CHROMIUM PLATED BLADES.

Each

No. 59—8 IN.; WITHOUT SWITCH; Height over all 10½ in.; Width 9 in.; Weight each about 5½ lbs. ..... $ 5.40

No. 61—10 IN.; ONE SPEED, WITH APPROVED SWITCH; Height over all 13 in.; Width 11¾ in.; Weight each about 14 lbs. $10.80

SILVER STREAK—STREAMLINE.

DE LUXE MODEL.

OSCILLATING.

The Tangent designing in the Safety Guard is Exclusive with the Silver Streak. There can be no Improvement in the Inherent Mechanical Construction. Velvet-smooth Operation from the Induction Type Motor. (No Radio Interference); Self-lubricating Bearings; Single Speed; Heavy Underwriters' Approved Cord with Grip-pull Plug Cap, and Approved Switch.

Operates on 110-120 Volts, 50-60 Cycles, Alternating Current Only.

A SHIMMERING, HIGHLY POLISHED CHROMIUM FINISH ON ENTIRE FAN.

Each

No. 60—10 IN.; ONE SPEED, WITH TOGGLE SWITCH; Height over all 13 in.; Width 11¾ in.; Weight each about 16 lbs. $27.00

One in a Carton.

ELECTRIC FANS.

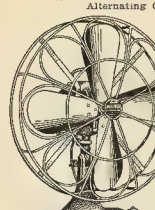
Operate on 110-120 Volts, 50-60 Cycles, Alternating Current Only.

GIANT JACK FROST.

King of them All.

OSCILLATING.

A Splendid, Heavy Duty Jack Frost Fan with Full-powered Induction Type Motor (No Radio Interference); Heavy Gauge, Steel Blades; Wick-oiled Phosphor Bronze Bearings and Silicon Electrical Sheet Steel Laminations; Highest Type Tobin Bronze and Cut Steel Gear Oscillating Mechanism, operating in Grease; Heavy Cast Housing and Armored Base; Attractive, Heavy, Wire Safety Guard; Underwriters' Approved Heavy Duty Cord, fitted with Grip-pull Plug Cap.



FROSTED BLACK FINISH, HIGHLY POLISHED CHROMIUM PLATED BLADES.

Each

No. 64—16 IN.; 3-SPEED; SLIDING SWITCH IN BASE, Height over all 71 in.; Width 17½ in.; Weight each about 47½ lbs. $51.30

NEW FROSTED CAGE GREEN OVEN BAKED ENAMEL FINISH.

KOLDAIR.

OSCILLATING.

Newly designed Wire Safety Guard; Graceful Cast Base; Greater in Cooling Efficiency, with its deeply pitched Sheet Steel Blades, Quiet, 3 Speed, Induction Type Motor (No Radio Interference), its Sturdy, Slow Action Oscillating Mechanism and its Powerful Smooth-running Motor with Self-aligning, Oil-less Bearings; Underwriters' Approved Cord with Grip-pull Plug Cap; Adjustable for Table or Wall use.

Each

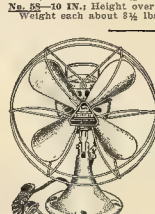
No. 54—8 IN.; Height over all 11¾ in.; Width 9 in.; Weight each about 4½ lbs. ..... $ 6.75

No. 58—10 IN.; Height over all 13 in.; Width 11¼ in.; Weight each about 8¼ lbs. 11.25

KOLDAIR.

NON-OSCILLATING.

Quiet, Full-powered, Induction Type Motor (No Radio Interference); Self-aligning, Oil-less Bearings, Frosted, Cage Green Enamel, Harmonizing beautifully with the new, Cadmium Plated, Sturdy, Wire Safety Guard; Deeply Pitched Sheet Steel Blades; The Cast Iron Base with Rubber Feet prevents "creeping"; with Convenient Handle and Adjustable for Table or Wall.



Each

No. 52—8 IN.; WITH SILK CORD AND BAKELITE CAP; Height over all 10½ in.; Width 9 in.; Weight each about 4¼ lbs. $5.00

No. 53—8 IN.; WITH UNDERWRITERS' APPROVED CORD AND GRIP-PULL PLUG CAP; Height over all 10¾ in.; Width 9 in.; Weight each about 4¼ lbs. 5.30

No. 56—10 IN.; WITH UNDERWRITERS' APPROVED CORD AND GRIP-PULL PLUG CAP; Height over all 13 in.; Width 11¾ in.; Weight each about 8¾ lbs. 6.75

One in a Carton.

ELECTRIC FANS.

NEW WAGNER STYLED FAN

ULTRA QUIET—BEAUTIFUL

These Fans are Constructed of the best Materials obtainable for the purpose; They are carefully designed, built and tested to give long and satisfactory service.

Motors are of the Squirrel Cage Induction Type, the Simplest Type ever developed—there are no brushes to produce sparking and cause Radio interference, no Mechanism to wear out. The Stator Core is well built and well insulated to assure long life; The Rotors are Dynamically balanced to eliminate mechanical vibration and noise.

One of the most outstanding Features of these Fans is the MULTIPLE LUBRICATION Seal which eliminates the slightest grease or oil leakage so objectionable in other Fans.

Guard is Heavy Steel Wire, with Flat Steel Braces, Fan can be carried by Guard.

Adjustable Hinge permits tilting forward or backward for desk or wall position; Adjustment secured by Wing Nut.

Complete with 8 ft. of Cord and Separable Attachment Plug.

For Alternating Current 110 to 120 Volts, 60 Cycles.

The Pedestal is Die-Cast Metal, Beautifully Styled and Finished in Ebony Black and Silver Gray; Base is Felt Padded.

Wrought Steel Motor Case, Black Enameled.

Guard is Silver Gray Finish.

Blades are of the "Quiet" Type, Punched and Formed from Aluminum Alloy which is non-sonorous or "Dead", Finished in Black.

OSCILLATING.

The Improved Oscillating Mechanism in these Fans is so well designed and built that there is no Jerking or Chattering and no irregularities in oscillation.

The Arc of Oscillation can be shifted from 90 degrees to 45 or vice versa; Oscillating Mechanism stops automatically when Fan Strikes any obstacle but resumes oscillation automatically when obstacle is removed.

Each

No. 6260/SB—**10 IN.**; SINGLE SPEED, Height 14¼ in.; Width 11 in. $14.95 **$24.00**

No. 6260/SBS—**10 IN.**; THREE SPEED: Height 14¼ in., Width 11 in. 16.95 **27.75**

Weight Each about 19 lbs.

Each

No. 6268/SB -**12 IN.**; THREE SPEED; Height 17 Width 12¾ in.; Weight each about 28 lbs. .$28.50 **$46.35**

No. 8460/SB—**16 IN.**; THREE SPEED; Height 20 Width 16¾ in.; Weight each about 36 lbs.. 34.00 **59.25**

One in a Wood Case.

Send us a Mail Order
for the Special Order
Sold from our Catalog
which you do not carry in Stock.

We will give you and your Customer Pleasing Service.

ELECTRIC FANS.

WAGNER.

All Wagner Fans are Constructed of the best Materials obtainable for the purpose; They are carefully designed, built and tested to give long and satisfactory service.

Motors are of the Squirrel Cage Induction Type, the Simplest Type ever developed—there are no brushes to produce sparking and cause Radio interference, no Mechanism to wear out; The Stator Cors is well built and well insulated to assure long life; The Rotors are dynamically balanced to eliminate mechanical vibration and noise.

One of the most outstanding Features of these Fans is the MULTIPLE LUBRICATION Seal which eliminates the slightest grease or oil leakage so objectionable in other Fans.

Cast Iron Base and Pedestal. Base is felt padded.

Wrought Steel Motor Case.

Four Blades formed from Rust-proofed Steel Sheets; They are properly curved to run quietly and to cause maximum air displacement.

Guard is Heavy Steel Wire, with Flat Steel Braces; Fan can be carried by Guard.

Adjustable Hinge permits tilting forward or backward for desk or wall position; Adjustment secured by Wing Nut.

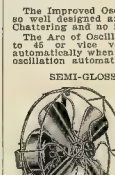
Complete with 8 ft. of Cord and Separable Attachment Plug.

OSCILLATING.

The Improved Oscillating Mechanism in these Fans is so well designed and built that there is no Jerking or Chattering and no irregularities in oscillation.

The Arc of Oscillation can be shifted from 90 degrees to 45 or vice versa; Oscillating Mechanism stops automatically when Fan strikes any obstacle but resumes oscillation automatically when obstacle is removed.

SEMI-GLOSS BLACK LACQUER FINISH.



10 INCH.

SINGLE SPEED with "On-and-Off" Switch in Base

Base 7 in. in Diameter; Height over all 14¼ in.; Width 11 in.

Each

No. 8260 — FOR ALTERNATING CURRENT 110-120 Volts, 60 Cycles. $12.95 **$24.00**

Weight Each 13 lbs. (Shipping Weight 19 lbs.)

12 INCH.

THREE SPEED Switch in Base.

Base 7 in. in Diameter; Height over all 14¼ in.; Width 11 in.

Each

No. 6268—FOR ALTERNATING CURRENT 110-120 Volts, 60 Cycles $25.00 **$46.35**

No. 6468—FOR DIRECT CURRENT..... 28 50 **52.80**

Weight Each 17½ lbs. (Shipping Weight 27 lbs.)

16 INCH.

THREE SPEED SWITCH in Base.

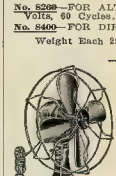
Base 7¾ in. in Diameter, Height over all 20 in.; Width 16¾ in.

Each

No. 8268—FOR ALTERNATING CURRENT 110-120 Volts, 60 Cycles..... $32 00 **$59.25**

No. 8468—FOR DIRECT CURRENT..... 35.00 **64.80**

Weight Each 22 lbs.; (Shipping Weight 35 lbs.)



NON-OSCILLATING.

8 INCH.

The Pedestal and Base is Shaped Square—A pleasing Modernistic Design.

SINGLE SPEED with "On-and-Off" Switch.

Base 4x4 in.; Height over all 11 in.; Width 8¾ in.

FOR ALTERNATING CURRENT 110-120 Volts, 60 Cycles.

Each

No. 4160—SEMI-GLOSS BLACK LACQUERED. $3.95 **$7.35**

Weight Each about 6½ lbs. (Shipping Weight 9 lbs.)

One in a Wood Case

FIRE EXTINGUISHERS.

NON-FREEZING.

FIVE-GALLON PUMP TYPE.

The Pump Type is an approved unit for the protection of heated and unheated property where the hazards are of free-burning materials—Wood, Rubbish, Paper, etc.; Can be made non-freezing at 40°F. below zero for unheated risks, by using non-freeze charge.

It is the correct type of Extinguisher for farm property, lumber camps and yards, docks, ships, bridges, coal yards, summer homes, cottages, unheated warehouses, etc.; ideal for extinguishing Incipient fires in brush or forest.

Equiped with a mechanically perfected, double-acting, non-syphoning pump; substantially Constructed throughout with a heavy seamless-drawn brass Cylinder, its brass Piston operates with ball bearing smoothness; Throws a forceful stream 45 feet.

Inspected and Labeled by the Underwriters' Laboratories, and are approved by the U. S. Bureau of Navigation and Steamboat Inspection and Associated Factory Mutual Laboratories.

DURAGARDE.

The tank is built of durable, finest quality sheet copper; Tinned on the inside—a further precaution against corrosion; The exterior is brightly polished; An attractive nameplate in three colors enhances its business-like appearance.

Each

No. T13—POLISHED COPPER; Height over all 26½ in.; Diameter Tank 9½ in.; Hose 24 in. Long; Weight each 18 lbs. $30.00 **$54.00**

ACCURATE.

The Tank is Heavy Galvanized Iron; The Interior is coated with a corrosion-resisting composition, while the outside is painted red; Provided with an attractive nameplate finished in three colors.

Each

No. T15—GALVANIZED IRON, PAINTED RED; Height over all 26¼ in.; Diameter of Tank 9½ in.; Hose 24 in. Long; Weight each about 18 lbs..... $22.00 **$39.60**

One in a Carton.

FIRE EXTINGUISHER RECHARGES.

NON-FREEZE.

Will extinguish fires of free-burning materials, Wood, Rubbish, Paper, etc.

To prevent freezing at 10°F. above zero use two cans, at 10°F. below zero, three cans; and at 40°F. below zero, four cans.

Per Can

No. TR1—Four 5-lb. Cans..... $3.00 **$5.40**

Simmons Mail Order Service
- - Includes - -
NO POSTAGE ENVELOPES,
Mail Order Tabs, Free.

Our Salesman will keep you supplied with these or write us for a supply.

FIRE EXTINGUISHERS.

ESSANAY—SODA AND ACID TYPE.

This 2½ Gallon Extinguisher will extinguish incipient fires in free burning materials—such as Wood, Rubbish and Textiles—where the cooling and quenching effect of a stream of water is of first importance; This extinguisher ejects a stream 40 feet in any direction; It should be protected against frost.

The three container units—Shell, Dome and Bottom—are made of the finest quality cold-rolled copper; All seams are thoroughly sweated and heavily backed with solder; The side seam is riveted in addition to soldering.

As a further safeguard against corrosion, the interior is completely coated with a lead-alloy; Each extinguisher is tested at the factory to withstand a pressure of 300 pounds

To operate, the Essanay is tipped up-side-down; To stop the flow, it is turned right-side-up, it must be recharged immediately after use.

Inspected and Labeled by Underwriters' Laboratories, and approved by the Factory Mutual Laboratories.

INSPECTION AND RECHARGING REQUIREMENTS—Insurance Authorities require annual inspection and recharging of Acid and Soda Extinguishers and protection against frost.

2½ GALLONS—Height over all 24 in.; Diameter Tank 7 in.

Each

No. SX13—COPPER, NICKEL PLATED; Weight each about 19 lbs. $16.00 **$27.00**

FIRE EXTINGUISHER RECHARGES.

SODA AND ACID.

Each

No. SXR1—FOR ESSANAY EXTINGUISHERS; Weight each about 3 lbs. $0.40 **$0.72**

Packing—Loose

FIRE EXTINGUISHERS.

FASTFOME—FOAM TYPE.

This Foam Type Extinguisher smothers fire—particularly fires in Oil, Gasoline, Naptha, Tar, Wax, Grease, Shellac and flammable Solvents; Wherever quantities of materials of any Oily or Highly flammable character are used or stored, the Fastfome is the most suitable type of extinguisher to install.

This Extinguisher releases 22 Gallons of tough Fire-killing Foam that spreads over the burning surface—Liquid or Solid cuts off the supply of oxygen and forms a tough, air-tight and fire-proof blanket; Once extinguished, the fire cannot reignite because the foam blanket is still there—a very important feature in the extinguishment of highly-flammable liquid fires.

The outer shell, dome and bottom of the 2½ Gallon Fastfome is the same as the 2½ Gallon Essanay; It has a removable inner container of seamless-drawn copper tubing, entirely coated with a corrosion-resisting lead alloy.

Inspected and Labeled by the Underwriters' Laboratories, approved by the Factory Mutual Laboratories.

2½ GALLONS—Height over all 24 in.; Diameter Tank 7 in.

Each

No. FX13—COPPER, POLISHED; Weight each about 24½ lbs. $18.00 **$32.40**

One in a Carton.

FIRE EXTINGUISHER RECHARGES.

FOAM TYPE.

Each

No. FXR1—FOR FASTFOME EXTINGUISHERS; Weight each about 5 lbs. $1.65 **$1.07**

Packing—Loose.

FIRE EXTINGUISHERS.

PRESSURE TYPE.

FULL CHARGED READY FOR USE.

Especially adapted for use by large Industrials, Public Utilities, Railroads and Oil Companies, for protection of Buses, Motor Trucks, Oil Tank Trucks, Moving Vans, Motor Boats, Filling Stations, Electric Locomotives, all Electrical Equipment and wherever greater fire fighting capacity is needed.

Constructed entirely of High Pressure Brass, Heavy Gauge Seamless Drawn Tubing and other High Quality Parts especially adapted for the purpose; Flexible Metal Hose, Rubber Insulated.

The open face pressure gauge at the top indicates the correct air pressure in the chamber at all times; An inspection glass is also provided so that the liquid level may be observed; The normal level is the center of this glass.

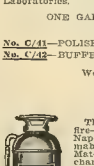
To operate the extinguisher grasp the hose in right hand, and with left hand operate valve wheel which completely controls the flow of air and liquid at a quarter turn; The stream ranges from 30 to 40 feet.

Inspected and Labeled by the Underwriters' Laboratories and Approved by the Associated Factory Mutual Laboratories.

ONE GALLON—Height over all 24 in.;
Diameter Tank 8 in

	Each
No. C/41—POLISHED BRASS	$70.00 $120.00
No. C/42—BUFFED NICKEL PLATED.....	74.00 123.20

Weight Each about 37 lbs.



PHOMENE—FOAM TYPE.

This Foam Type Extinguisher Blankets fire—particularly fires in Oil, Gasoline, Naptha, Tar, Wax, Grease, Shellac, and flammable Solvents. Wherever quantities of Materials of any Oily or Highly flammable character are used or stored, the Phomene is the only suitable type of extinguisher to install; Specified by Ordinances for protection of oil burner heating systems.

This Extinguisher releases 23 Gallons of tough Fire-Killing Foam that spreads over the burning surface—Liquid or Solid—cuts off the supply of oxygen, and forms a tough, air-tight and fireproof blanket; Once extinguished, it cannot reignite because the foam blanket is still there—a very important feature in fire extinguishment of highly flammable liquid fires.

The Foam Type Extinguisher differs from the Soda and Acid Type only in that it has a removable inner container of Seamless Drawn Copper, coated with a corrosion-resisting lead alloy; Complete charging directions and instructions for use on name plate of each extinguisher.

Inspected and Labeled by the Underwriters' Laboratories, and approved by the Factory Mutual Laboratories, U. S. Bureau of Navigation and Steamboat Inspection and the Factory Insurance Association.

3½ GALLONS—Height over all 24 in.;
Diameter Tank 7 in.

	Each
No. P13—COPPER, POLISHED; Weight each about 26½ lbs.	$20.00 $30.00

One in a Carton.

FIRE EXTINGUISHER RECHARGES.

PHOMENE—FOAM TYPE.

Phomene is Scientifically Compounded of Highest Grade Chemicals each when mixed with the water in extinguisher and Sprayed over the fire, spreads a Blanket over the burning surface—cuts off the supply of Oxygen and forms a tough, air-tight and fire-proof blanket, Particularly adapted to fires in Oil, Gasoline, Naptha, Tar, Wax, Grease, Shellac and inflammable solvents.

Nos	Recharge, Gallons	Weight each about, lbs.	Each
PR1	3½	5	$ 1.60 $ 2.88
PR3	10	24	6.00 10.80
PR6	40	68	11.75 21.15

Packing—Loose.

FIRE EXTINGUISHERS.

PUMP TYPE.

FULLY CHARGED READY FOR USE.

This two-gallon Pyrene Pump type Extinguisher is sturdily built, designed for use where additional capacity is needed for fighting such fires as Electric Arcs, Gasoline, Kerosene, Grease, Varnish, etc; It is especially adaptable for protection of Electrical Equipment in Power Houses and Sub-stations, on Electrical Locomotives, Electric Cranes, and in Industrial Plants where there are large installations of electrical equipment.

Inspected and Labeled by the Underwriters' Laboratories, and approved by the Associated Factory Mutuals.

TWO GALLONS—Height over all 24⅝ in.;
Diameter Tank 7 in.

	Each
No. C/23—COPPER, POLISHED; Wgt. each about 52 lbs.	$70.00 $120.00

GUARDENE SODA AND ACID TYPE.

This 2½ Gallon Soda and Acid (Chemical) Extinguisher will extinguish incipient fires in free-burning materials—such as Wood, Rubbish and Textiles—where the Cooling and Quenching effect of water is of first importance; This extinguisher ejects a stream 40 feet in any direction; It should be protected against frost.

The three container units—shell, dome and bottom—are made of finest quality cold-rolled copper; All Seams are thoroughly Sweated and heavily backed with Solder; The side Seam is riveted in addition to soldering

As a further safeguard against corrosion, the interior is completely coated with a lead-alloy; Each Extinguisher is tested to withstand a pressure of 250 pounds complying with Underwriters' Laboratories' requirements

To operate, tip the Guardene up-side-down; To stop the flow, Turn it right-side-up; It must be recharged immediately after use.

Inspected and Labeled by the Underwriters' Laboratories, and approved by the Associated Factory Mutuals and the U. S. Bureau of Navigation and Steamboat Inspection

INSPECTION AND RECHARGING REQUIREMENTS—Insurance authorities require annual inspection and recharging of Soda and Acid Extinguishers; Guardene Charges contain the highest grade Sulphuric Acid and Soda Bicarbonate packed in air-tight containers, acid bottles sealed with safety closure.

2½ GALLONS—Height over all 24 in.;
Diameter Tank 7 in.

	Each
No. S/13—COPPER, POLISHED; Weight each about 21 lbs.	$17.00 $30.00

One in a Carton.

FIRE EXTINGUISHER RECHARGES.

GUARDENE—SODA AND ACID.

Highest Grade Sulphuric Acid and Soda Bicarbonate packed in Air-tight Containers, Acid Bottles sealed with Safety Closure

Will extinguish incipient fires in free-burning materials, such as Wood, Rubbish and Textiles, where the cooling and quenching effect of water is of first importance.

Nos.	Recharge, Gallons	Weight each about, lbs.	Each
SR1	2½	5	$0.55 $0.99
SR2	20	23½	3.50 6.30
SR3	40	40	5.00 9.00

Packing—Loose.

CAMP STOVES.

COLEMAN NEW 1935 MODELS.

Light instantly, no Preheating; Fuel Tank quickly detachable for Easy Filling; New Band-A-Blu Burners, higher heating efficiency, use less Fuel—"Everdur" Metal Fuel Tank, rust and corrosion-proof.

Burner Box made of Heavy Gauge Sheet Steel, finished in Maroon Brown Baked Enamel; Heavy Steel Wire Grates and Nickel Plated Strap Steel Legs; Equipped with Band-A-Blu Burners and Rust-proof "Everdur" Metal Fuel Tank, Bronze Lacquer Finish; Fuel Tank easily removed for filling; Folds up like a suitcase.

A Big, Sturdy Stove that is the favorite of those who like to use big cooking Utensils—will accommodate two 12 in. Trout Pans.

Each

No. 3F—With Maroon Brown Enameled FOLDING WIND BAFFLE; Fuel Tank Capacity 3 Pints; Size Folded 12¾x22½x8¼ in.; Weight each about 22 lbs. $20.55

A fine, general utility Stove for use in Cabins, Summer Kitchens, Small Apartments and Light Housekeeping Rooms; Lights instantly, Cooks like Gas; Folding built-in Oven also can be used as Drum-heater and warming Cabinet.

Each

No. 2G—With Maroon Brown Enameled FOLDING BUILT-IN OVEN 18x10¾x10¾ in.; Fuel Tank Capacity 2½ Pints; Size Folded 18½x11¼x4¾ in.; Weight each about 30 lbs. $24.90

One in a Carton.

AUTO-COOK—INSTANT LIGHTING.

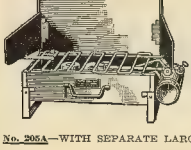
PORTABLE—GASOLINE

These Camp Stoves are equipped with the "Preway" Instantaneous Lighter. No Generating, No Waiting, No Soot, nor Odor. It is only necessary to turn the valve and apply a match—Lights Instantly.

The Burner and Tank is a One-piece Unit assembly which can be entirely removed from Case for Cleaning.

The Burner produces a well spread, even, intense cooking heat that can be turned on or off at will.

Case is well constructed of 24 Gauge Sheet Steel, Rich Olive Brown Baked Enamel Finish; Strong, Heat-resisting Metal Grates, Drawn Brass Non-Rustable Tanks.



A Most Outstanding Value in Camp Stoves; Inexpensive, Strong and Durable.

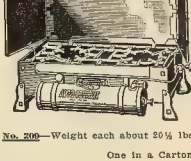
Size Folded 11x18x5 in.; Burner Surface 10¼x17⅛ in.; Cooking Height 7⅛ in.

Tank Capacity 2 Pints.

Each

No. 205A—WITH SEPARATE LARGE PUMP..... $8.25

Weight Each about 13 lbs.



A Large Two Burner Stove and a Wonderful Value; Built-in Pump.

Size Folded 11x20¼x5 in.; Burner Surface 10⅛x20¼ in.; Cooking Height 7⅛ in.

Tank Capacity 3 Pints.

Each

No. 200—Weight each about 20¼ lbs.. ..... $13.50

One in a Carton.

NEW "EVERDUR" METAL FUEL TANK—Rust and Corrosion-proof; Bronze Lacquered Finish.

Size Folded 17x11x4 in.

Each

No. 6F—WITH FOLDING WIND BAFFLE; Maroon Brown Enameled Body and Strap Steel Legs; Weight each about 12 lbs. $5.95 $12.45

One in a Carton.

COLEMAN.

These New, Instant Lighting Gasoline Camp Stoves meet every requirement of Tourists, Hunters, Fishermen, etc.

They are Simple and Sturdy in construction—are ready with full cooking heat at the scratch of a match—no preheating or generating—and can be regulated to any heat needed.

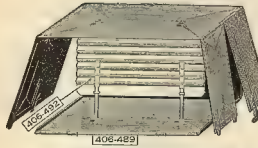
Rigidly constructed 24 Gauge Steel Case, with Heavy Wire Carrying Handle; Strap Steel Folding Legs; One Piece Steel Wire Grate, Light and Unbreakable

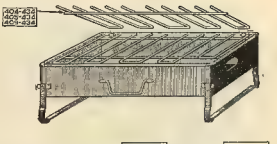
Two Long-life, Windproof Burners, with Instant-Lite Master Burner and Fuel Valve; Gives a clean, clear blue, pressure-driven cooking flame instantly.

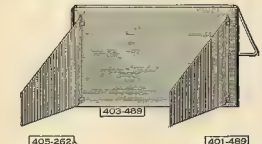
Fuel Tank has Built-in Pump and Pressed-in Filling Funnel with Hand Operated Filler Plug; Combination Regulating Valve and Gas Tip Cleaner; Single Unit Construction—Tank, Generator and Burners in one Easy-to-operate Unit.

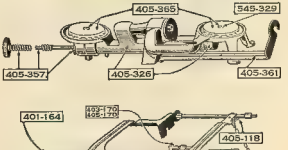
REPAIRS FOR COLEMAN CAMP STOVES.

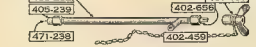
FOR NOS. 2/C, 2D, 9/C AND 9D.











Nos.	ITEMS	For Numbers 2/C Per Dozen		2D Per Dozen		9/C Per Dozen		9D Per Dozen	
‡104-136—	*Filler Plug Gasket*	$0 36	$0.75	$0.36	$0.75	$0.36	$0.75	$0.36	$0.75
‡216 509—	*Pump Leather*	....	....	54	1.10	....	....	.54	1.10
‡216 532—	*Pump Plunger Complete (Less Air Stem)*	....	....	7.20	14.40	....	....	7.20	14.40
‡216-532—	*Air Stem*	1.80	3.60	1.80	3.60	1.80	3.60	1.80	3.60
‡216-538—	*Check Valve*	....	....	1.80	3.60	....	....	1.80	3.60
401-164—	**Filler Plug Complete**	4.32	8.65	4.32	8.65	4.32	8.65	4.32	8.65
‡401-457—	*Oven Flame Spreader*	1.80	3.60	1.80	3.60	....	....	....	....
401-489—	**Key and Ring**	1.08	2.15	1.08	2.15	1.08	2.15	1.08	2.15
402-259—	**Generator Valve Stem**	.72	1.45	.72	1.45	.72	1.45	.72	1.45
‡402-328—	*Auxiliary Valve Core*	2.88	5.75	....	....	2.88	5.75	....	....
‡402-329—	*Auxiliary Valve Shift*	2.16	4.35	....	....	2.16	4.35	....	....
402-456—	**Generator Valve Stem Complete**	5.40	10.80	5.40	10.80	5.40	10.80	5.40	10.80
‡402-480—	*Key, Ring and Chain*	1.80	3.60	1.80	3.60	1.80	3.60	1.80	3.60
403-170—	**Feed Tube (81 5/16 in. Long)**	4.32	8.65	....	....	4.32	8.65	....	....
405-175—	**Tank and Generator Complete**	72.00	144.00	....	....	72.00	144.00	75.00	144.00
‡403-321—	*Adapter Ring (For Burner)*	3.60	7.20	....	....	3.60	7.20	....	....
‡403-325—	*Burner Casting*	21.60	43.20	....	....	21.60	43.20	....	....
403-365—	**Burner Cap** (3-piece, Bolt and Nut) (For No. 2/C8/38 Burner that Operates with No. 2/C8/4 Front Pull Burner Shift Lever).	7.20	14.40	7.20	14.40	....	....	....	....
‡403-488—	*Cabinet Lid, Handles and Support*	....	....	21.60	43.20	....	....	21.60	43.20
‡403-471—	*Cast Stove Grate*	14.40	28.80	....	....	....	....	....	....
405-118—	**Generator Clamp Only**	....	....	2.16	4.35	....	....	2.16	4.35
405-170—	**Fuel Tube** 3⅜ **In. Long**	....	....	4.32	8.65	....	....	4.32	8.65
405-175—	**Tank and Generator Complete Assembled**	....	....	72.00	144.00	....	....	75.00	144.00
405-230—	**Gas Tip and Holder**	2.16	4.35	2.16	4.35	2.16	4.35	2.16	4.35
405-262—	**Generator**	14.40	28.80	14.40	28.80	14.40	28.80	14.40	28.80
405-315—	**Rocker Arm Pin**	....	....	.72	1.45	....	....	.72	1.45
‡405-328—	*Burner Manifold*	....	....	21.60	43.20	....	....	21.60	43.20
405-327—	**Auxiliary Valve Stem Complete**	....	....	9.00	18.00	....	....	9.00	18.00
405-301—	**Rocker Arm**	....	....	4.32	8.65	....	....	4.32	8.65
405-305—	**Burner Cap** (2 Piece, Bolt and Nut)	....	....	3.60	7.20	....	....	3.60	7.20
405-370—	**Burner Complete Assembled** (Manifold, Caps, Auxiliary Valve, Rocker Arm and Pin)	....	....	36.00	72.00	....	....	36.00	72.00
‡405-434—	*Wire Grate*	....	....	....	....	....	....	9.00	18.00
‡405-471—	*Grate*	....	....	12.60	25.20	....	....	....	....
‡405-489—	*Oven (Less Rack and Flame Spreader)*	36.00	72.00	36.00	72.00	....	....	....	....
‡406-492—	*Oven Rack*	7.20	14.40	7.20	14.40	....	....	....	....
‡402-712—	*Generator Clamp*	.72	1.45	....	....	.72	1.45	....	....
‡409-434—	*Wire Grate*	....	....	....	....	5.76	11.55	....	....
‡402-508—	*Pump Leathers*	.54	1.10	....	....	.54	1.10	....	....
‡409-521—	*Pump Plunger Complete (Less Air Stem)*	5.40	10.80	....	....	5.40	10.80	....	....
471-238—	**Clenning Needle and Holder**	.54	1.10	.54	1.10	.54	1.10	.54	1.10
402-459—	**Key Chain (Only)**	1.08	2.15	1.08	2.15	1.08	2.15	1.08	2.15

Packed Loose.

‡ *Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

FOLDING HIGH STANDS.

COLEMAN.

ALL STEEL; For All Coleman and other Camp Stoves: One Single Unit; When set up all joints lock automatically and make a positively rigid stand of the correct height.

Legs are ⅞ in. Angle Iron, with ½ in. Flat Steel Braces; Size Open 25¼x21½x-21¼ in.; Folded 2½x-2x26½ in.

	Each	
No. 10FS—Maroon Enameled; Weight each about 7½ lbs.	$1.90	$4.00

One in a Carton.

CAMP BROILERS.

FOR CAMPING AND GENERAL OUTDOOR USE.

TINNED STEEL WIRE, Electrically Welded where necessary.

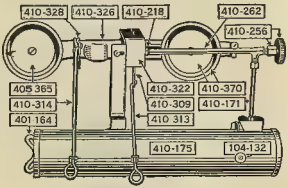
Top Rim and Center Bar 2 Gauge; Filling Wires 3 Gauge, ¾ in. Apart; Legs 5 Gauge; Leg Braces 8 Gauge.

	Per Dozen
No. 301—Broiling Surface 22x17¾ in.; Height over all 12 in.; Weight per dozen about 56 lbs.	$18.00

Packed Loose.

PROMPT AND PERSONAL ATTENTION
TO ALL
MAIL, EXPRESS AND FREIGHT ORDERS

REPAIRS FOR COLEMAN CAMP STOVES.



FOR No. 10

Nos. ITEMS	Per Dozen	
‡182-142—*Auxiliary Burner Control Bolt and Nut (3/32x⅞ in. R. H. S. S.)*	$0.36	$0.75
‡104-132—*Tank Air Stem*	2.16	4.35
‡104-136—*Filler Plug Gasket*	.36	.75
‡316-502—*Pump Leather*	.54	1.10
‡305-444—*Generator Bolt (3/32x⅝ in. O. H. S. S.)*	.36	.75
401-164—Filler Plug Complete	4.32	8.05
305-365—Burner Cap (3-Piece, Bolt and Nut)	3.60	7.20
410-171—Feed Tube (3½ in. Long)	2.88	5.75
410-175—Tank (With Filler Plug, Air Stem and Tank Brackets)	36.00	72.00
410-218—Gas Tip	1.80	3.60
410-256—Generator Valve Stem Complete	7.20	14.40
410-262—Generator	14.40	28.80
‡410-309—Hot Blast Deflector	1.44	2.90
‡410-313—Hot Blast Deflector Lever	1.44	2.90
‡410-314—*Auxiliary Burner Control Lever*	1.44	2.90
‡410-322—*Mixing Chamber Shield*	1.80	3.60
‡410-324—*Tank Bracket Bolt (3/32x¼ in. R. H. S. S.)*	.36	.75
‡410-326—*Burner Manifold*	21.60	43.20
‡410-328—*Auxiliary Burner Control*	1.08	2.15
‡410-370—*Burner Complete (Including Manifold Caps and Valve)*	32.40	64.80
‡417-486—*Top, Grate, Lid and Baffle*	36.00	72.00
410-555—Pump	5.40	10.80
471-235—Cleaning Needle and Holder	.54	1.10
‡166-329—*Burner Cap Bolt (3/32x⅛ in. F. H. S. S.)*	.36	.75

Packed Loose.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

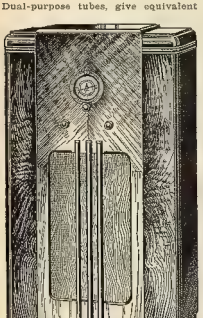
EMERSON RADIOS.

ROUND-THE-WORLD DUAL WAVE.

MODEL 60—SIX TUBES.

FOR A. C. CURRENT ONLY—110 TO 120 VOLTS—60 CYCLES.

These Radios employ Emerson's new Coupling Circuit which gives considerably improved reception on Short Waves; The Power Pentode Audio Circuit gives undistorted Output; The Six High Efficiency Tubes, including two Dual-purpose tubes, give equivalent of eight Single-purpose tubes.



RANGE—Standard and American Broadcast Stations, All important American and Foreign Short Wave Stations—and Police Calls; Tuning Bands cover 540 to 1740 Kilocycles (170 to 556 Meters) and 5.4 to 15.5 Megacycles (19.3 to 55.5 Meters).

CHASSIS—A Sensitive and Selective 6-Tube Superheterodyne with Improved Reception on an Intermediate Frequency of 456 Kilocycles with 2 Gang Condenser; Has Two Tuning Bands operated by an Improved Aeroplane Dial incorporating the Emerson Duo-lite Band Switching Circuit, Automatic Volume Control and Phonograph Pick-up Jack; Also Emerson's New Signal Filter which brings the listener reception undimmed, unclouded and uninterrupted by noises, interference and disturbances.

CABINET Handsome Console Sides and Top of Rotary Walnut, Pilasters of Butt Walnut, Panel of Matched Striped California Walnut, Hand Rubbed.

SIZE—37 in. High, 20¼ in. Wide, 11 in. Deep.

SPEAKER—Electro Dynamic.

TUBES—R. C. A. Cunningham.

Each

No. 60—COMPLETE WITH SIX R. C. A. CUNNINGHAM TUBES—Two No. 6D6, One Each Nos. 6A7, 75, 42 and 80; Weight each about 56 lbs. $69.50 **$125.10**

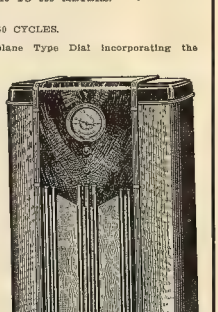
One in a Case.

ALL-WAVE CONSOLE—COMPLETE WORLD-WIDE RANGE—13 TO 555 METERS.

MODEL 100—SEVEN TUBES.

FOR A. C. CURRENT ONLY—110 TO 120 VOLTS—60 CYCLES.

This Radio has Four distinct Wavelength Ranges on a Single Aeroplane Type Dial incorporating the Emerson "Quadro-Lite" Band Switching Circuit.



STANDARD BROADCAST—550 to 1500 Kilocycles.

POLICE, PLANE AND AMATEUR PHONE CALLS—1500 to 4000 Kilocycles.

INTERNATIONAL SHORT WAVE BAND—3.9 to 10 Megacycles (31 to 49 Meters) and 10 to 23 Megacycles (16, 19 and 25 Meters.)

CABINET—DeLuxe Console—Pilasters and Sides Figured American Walnut; Center Tuning Panel of Claro Butt Walnut; Top and Ends Figured American Walnut; Hand Rubbed; Size—40 in. High, 23 in. Wide, 12¼ in. Deep.

CHASSIS—Seven Tube Superheterodyne Construction, including Three-Gang Condenser, Radio-Frequency Amplification over all Ranges, obtaining a High Degree of Sensitivity and Selectivity; Automatic Volume Control and Tone Control; Class "A" Output Delivers 6 Watts of undistorted Power; Seven Tuned Circuits; Also Emerson's New Signal Filter which brings the listener reception that is undimmed unclouded and uninterrupted by noises, interference and disturbances.

SPEAKER—12 in. Dynamic.

TUBES—R. C. A. Cunningham.

RANGE—(See above).

Each

No. 100—COMPLETE WITH SEVEN R. C. A. CUNNINGHAM TUBES—Two No. 6D6, Two No. 42 and One Each Nos. 6A7, 75 and 80; Weight each about 76 lbs. $99.50 **$170.10**

One in a Case.

EMERSON RADIOS.

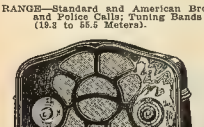
These Radios employ Emerson's new Coupling Circuit which gives considerably improved reception on Short Waves; The Power Pentode Audio Circuit gives undistorted Output; The Six High Efficiency Tubes, including two Dual-purpose tubes, give equivalent of eight Single-purpose tubes.

CHASSIS—A Sensitive and Selective 6-Tube Superheterodyne with Improved Reception on an Intermediate Frequency of 456 Kilocycles with 2 Gang Condenser; Has Two Tuning Bands operated by an Improved Aeroplane Dial incorporating the Emerson Duo-lite Band Switching Circuit.

SPEAKER—Electro Dynamic.

TUBES—R. C. A. Cunningham.

RANGE—Standard and American Broadcast Stations, All important American and Foreign Short Wave Stations—and Police Calls; Tuning Bands cover 540 to 1760 Kilocycles (170 to 555 Meters) and 5.4 to 15.5 Megacycles (19.3 to 55.5 Meters).



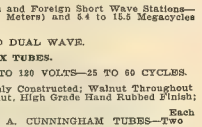
ROUND-THE-WORLD DUAL WAVE.

MODEL 38—SIX TUBES.

FOR A. C. AND D. C. CURRENT—110 TO 120 VOLTS—25 TO 60 CYCLES.

CABINET—Gracefully Designed and Richly Constructed; Walnut Throughout—Back and Front Panel Burl Walnut, High Grade Hand Rubbed Finish; Size 11½x8⅝x5⅞ in.

	Each
No. 38—COMPLETE WITH SIX R. C. A. CUNNINGHAM TUBES—Two No. 6D8 and One Each Nos. 6A7, 75, 43 and 25Z5; Weight each about 11½ lbs.	$33.50 $71.10



ROUND-THE-WORLD DUAL WAVE.

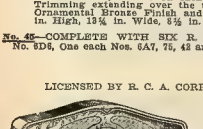
MODEL 45—SIX TUBES.

FOR A. C. CURRENT ONLY—110 TO 120 VOLTS—60 CYCLES.

CABINET—A Strikingly Designed Table Model with Beautifully Figured Burl Walnut Front, flanked on each Side with an Inset of Molded Walnut Trimming extending over the top; Molded Walnut Base; Highlighted Ornamental Bronze Finish and Bronze-ringed Dial Knobs; Size—15¾ in. High, 13¾ in. Wide, 8½ in. Deep.

	Each
No. 45—COMPLETE WITH SIX R. C. A. CUNNINGHAM TUBES—Two No. 6D6, One each Nos. 6A7, 75, 42 and 80; Weight each about 17 lbs.	$44.50 $89.10

LICENSED BY R. C. A. CORPORATION.



MODEL 32—FIVE TUBE—COMPACT.

LONG AND SHORT WAVE.

FOR A. C. AND D. C. CURRENT—110 TO 120 VOLTS 25 TO 60 CYCLES.

The Beauty of this Radio will enhance any home decoration scheme; Has Greatly Increased Selectivity and Sensitivity and for Volume and Fidelity of Voice and Instrument compares very favorably with Console Types.

CABINET—Sturdily Constructed Composite Period Design, with Semi-pillar Sides and Curved Top with Beaded Trim; Top, Sides and Back of American Walnut; Instrument Panel of Burl Walnut; Base of Carved and Beaded Walnut; Rich, Hand Rubbed Finish; Size—11⅞x8¾x5⅝ in.

CHASSIS—Five-Tube Superheterodyne; Improved Intermediate Frequency Transformers; Diode-Detection—An improved AVC Circuit; Recessed, Illuminated Dual Volume Control and Tuning Assembly; Vernier Drive Tuning; Double Pilot Light Circuit with Thermal Control to maintain even illumination, Dials Calibrated in Kilocycles for Broadcast Band and in Meters for Police Bands—with SEPARATE SWITCHING CIRCUIT.

SPEAKER—Improved Dynamic—Delivers Absolute Fidelity of Voice and Instrument.

TUBES—R. C. A. Cunninghan.

RANGE—Regular Broadcast, Police Calls, Amateur and Aeroplane Signals; 100 to 550 Meters.

	Each
No. 32—COMPLETE WITH FIVE R. C. A. CUNNINGHAM TUBES—One each 6A7, 6D8, 75, 43 and 25Z5; Weight each about 11 lbs.	$33.00 $59.40

LICENSED BY R. C. A. CORPORATION.

MODEL 19—FOUR TUBE—UNIVERSAL COMPACT.

FOR A. C. AND D. C. CURRENT—110 TO 120 VOLTS 25 TO 60 CYCLES.

A Great Radio Value for Quality of Reception; Eye Appeal and Price Appeal; Offers a Splendid Choice of Radio for the office and for every room of the home; Contains many New Engineering Improvements which give it the equivalent of Big Set performance.

CABINET—Attractive Bakelite, Size 10x7¼x4½ in.

CHASSIS—Four Tube Superheterodyne Circuit, with Improved Reception; Built-in Aerial

SPEAKER—Electro-Dynamic.

TUBES—R. C. A. Cunninghan.

RANGE—Regular Broadcast Only.

	Each
No. 19—COMPLETE WITH FOUR R. C. A. CUNNINGHAM TUBES—One each Nos. 6A7, 6F7, 43 and 25Z5, Weight each about 5 lbs.	$19.95 $42.00

One in a Case.

EMERSON RADIOS.

LICENSED BY R. C. A. CORPORATION.

MODEL 28—FIVE TUBES.

FOR A. C. CURRENT ONLY—110 TO 120 VOLTS—60 CYCLES.

A Five-Tube Table Model Superheterodyne that gives improved Reception on an Intermediate Frequency of 455 Kilocycles with a 2 Gang Condenser; The Shadow Tuning Dial contains the Broadcast and Short Wave Bands directly Calibrated in Kilocycles.

RANGE—Standard American Broadcast Stations, Police Calls and Designated Amateur and Air Craft Stations; Two Wave Bands—540 to 1500 Kilocycles (200 to 555 Meters) and 1500 to 3000 Kilocycles (100 to 200 Meters).

CABINET—Handsome Upright Table Model of Straight-grained Walnut Throughout; Exceptional Beauty of line is shown in the design of Sides and Top made from One Continuous Piece; Trimmed with Beaded Panels at Sides and Beaded Molding at Base; Hand Rubbed Finish.

SIZE—17¼ in. High, 12½ in. Wide, 8¼ in. Deep.

CHASSIS—Five Tube Superheterodyne Construction, includes 2-Gang Condenser, Automatic Overload Control, Power Pentode Audio Circuit that gives undistorted output of 3 Watts; Has Two Tuning Bands operated by an Improved Aeroplane Dial.

SPEAKER—Electro Dynamic.

TUBES—R. C. A. Cunningham.

Each

No. 28—COMPLETE WITH FIVE R. C. A. CUNNINGHAM TUBES—Two 6D6 and One each Nos. 6/C/6, 42 and 80; Weight each about 21 lbs.....$31.95 **$27.50**

One in a Case.

EMERSON RADIOS.

LICENSED BY R. C. A. CORPORATION.

MODEL 280—SIX TUBES.

BATTERY OPERATED.

These Radios Incorporate all the advanced features of Modern Electric Battery Operated Radios. They are equipped with a compensating device making it possible to operate them on either 6-Volt or 2-Volt Lead Plate Storage Battery or 2-Volt Air-Cell—Our No. 1040.

Receives all Standard American Broadcast Stations and all important American and Foreign Short Wave Stations.

RANGE—Tuning Bands cover 540 to 1760 Kilocycles (170 to 555 Meters) and 5.4 to 15.5 Megacycles (19 to 53 Meters).

CHASSIS—A Sensitive and Selective Six-Tube Superheterodyne with many features that make for excellent performance.

CABINET—Handsome Upright Table Model of Straight-grained Walnut throughout; Exceptional Beauty of line is shown in the design of Sides and Top made from One Continuous Piece; Trimmed with Beaded Panels at Sides and Beaded Molding at Base; Hand Rubbed Finish.

SIZE—17¼ in. High, 12 in. Wide, 8¾ in. Deep.

SPEAKER—Electro Dynamic.

TUBES—R. C. A. Cunningham.

COMPLETE WITH SIX R. C. A. CUNNINGHAM TUBES—Two No. 34 and One Each Nos. 28, 1A5, 1/C/6 and LLL35 Ballast Tubes.

Each

No. 280—WITHOUT BATTERIES; Weight each about 25 lbs. $44.50 **$38.10**

No. 280B—COMPLETE WITH BATTERIES—Three No. S/45LH SIMMONS* 45 Volt Heavy Duty "B" Batteries, One No. S/4½L SIMMONS* 4½ Volt "C" Battery and One No. 1040 Burgess "A" Battery; Weight Complete about 62 lbs..... **98.00**

Radio in One Case; Batteries Packed Separately.

SYLVANIA RADIO TUBES.

SYLVANIA INTERCHANGEABLE TUBE CHART.

The purpose of this Chart is to furnish information as to which types of SYLVANIA SET TESTED TUBES will satisfactorily replace tube types of other manufacturers having similar, or different, type designations.

As a rule, the last two digits of a type number are the designating numerals. In interchanging tubes, this rule may be followed except on special types and on tubes recently announced, bearing the new RMA system of type numbers. Many of the Sylvania tubes recently introduced bear type numbers assigned under the new RMA system, which is characterized by a letter appearing between two digits (Example 5Z3). The first digit indicating the filament voltage class, the letter being assigned arbitrarily, and the second digit indicating the number of useful elements in the tube.

Other Type Tubes	Sylvania Tubes Nos.
'01-'01A-'01AA	01A
1A6	1A6
1-KR1	1-V
2A3	2A3
2A5	2A5
2A6	2A6
2A7	2A7
2A7/S	2A7/S
2B7	2B7
2B7/S	2B7/S
2-S/4-S	2-S/4-S
2Z2/C64	2Z2/C64
5Z3	5Z3
6A7	6A7
6A7-S	6A7-S
6B7	6B7
6B7-S	6B7-S
6-C-7	6-C-7
6D6	6D6
6D7	6D7
6E7	6E7
6F7	6F7
6F7-S	6F7-S
6V6	6V6
6Z3	1V
6Z4	84
6Z5/12Z5	6Z5/12Z5
'10	10
'12-'12A	12A
12A5	12A5
12Z3	12Z3
'13	80
15	15
'16-16B	81
18	18
19	19
'20	20
'22	22
'24-'24A	24A
24-S	24-S
25/25-S	25/25-S
25Z6	25Z6

Other Type Tubes	Sylvania Tubes Nos.
'26	26
'27	27
27-S	27-S
'27HM	56
'30	30
'31	31
'32	32
'33	33
'34	34
35	35/51
35-S/51-S	35-S/51-S
'35-'35A	36
'37-'37A	37
'38-'38A	38
'39-'39A	39 or 44
41	41
42	42
43	43
44	44 or 39
'45	45
46	46
46A1	46A1
46B1	46B1
'47	47
48	48
49	49
'50	80
'51	35/51
53	53
55	55
55/S	55-S
56	56
56AS	56AS
56-S	56-S
57	57
57A-S	6/C/6
57-S	57-S
58	58
58A-S	6D6
58-S	58-S
59	PZH
64-64A	36*

Other Type Tubes	Sylvania Tubes Nos.
65-65A	39†
67-67A	37†
68-68A	38†
'71-'71A-'71B	71A
75	75
75-S	75-S
76	76
77	77
78	78
79	79
'80	80
80M	82
'81-81M	81
82	82
83	83
84	84
85	85
85AS	85AS
88	88*
89	89
95	2A5
98	84
182B	182B
183	183
452A	71A
482B	182B
484	183
484	485
485	485
585	50
586	50
864	864
866	866
965	83*
AD	1-V
AF	82
AG	83
KR25	2A5
P861	56
PZ	47
PZH	2A5
X99	X99

*When receiver's transformer will stand one ampere additional filament current.

†Only when used in Auto Receivers or AC Receivers not having series filament.

NOTE—When interchanging several spray shield tubes in a receiver, it will be necessary to equip the receiver with metal tube shields.

AVERAGE DEALER SALES BY TUBE TYPES.

As an assistance in ordering and maintaining stock, we have broken down all current tubes into 3 classes. Generally speaking, approximately 75% of replacement sales will come from Class "A", 15% from Class "B" and 10% from Class "C".

Even the small dealer should maintain generous supplies of Class "A" tubes, reasonable quantities of Class "B", and his own experience will dictate his requirements of Class "C".

These Classifications, naturally, are compiled on a national basis and are intended only as a general guide. Sectional difference will change them as, for instance, dry battery tubes in farming areas; AC—DC types in cities employing direct current, etc.

Group A	Group B	Group C						
01A	25Z5	56	1A6	5Z3	12A5	32	50	82
24A	30	57	1C6	6C6	12Z3	33	53	83
26	36	58	1V	6D6	15	34	55	84
27	37	77	2A3	6A7	18	38	59	85
35/51	39	78	2A5	6B7	19	41	75	89
45	42	183	2A6	6F7	20	46	76	X-99
47	43	485	2A7	10	22	48	79	182B
71A	44		2B7	12A	31	49	81	864
80								

ALL MAJESTIC TYPE TUBES

Sylvania RADIO TUBES

Sylvania Tubes are properly designed and constructed of the finest material procurable for the purpose. Great care is exercised in assembling, finishing, etc. to give these delicate Tubes the ruggedness for which they are known.

All Sylvania Tubes must undergo, during manufacture, 80 separate Tests and must pass them all before leaving the factory—all that do not pass every test are destroyed — There are no seconds.

In addition to the many tests Sylvania Tubes are also set-tested under actual receiving conditions in Standard Radios of the latest types so that only absolutely perfect tubes reach the ultimate consumer.

Illus. "S"

Illus. "ST"

Illus. "ST-C"

Illus. "T"

2.0 VOLT GROUP—For Battery Operation.

Nos.	Class	Use	Illus. No.	Prongs	Rating			Each
					Filament Amperes	Plate (Max. Volts)	Screen (Max. Volts)	
1A6	Heptode	Detector-Oscillator	ST-C	6	0.06	180	67.5	$1.35
1/C/6	Heptode	Detector-Oscillator	ST-C	6	0.12	180	67.5	1.60
15	Pentode	Detector-Oscillator	ST	5	0.22	135	67.5	2.00
19	Duo-Triode	Class B Amplifier	ST	6	0.26	135	...	1.10
30	Triode	Detector-Amplifier	ST	4	0.06	180	...	.80
31	Triode	Power Amplifier	S	4	0.13	180	...	.80
32	Tetrode	Amplifier	ST-C	4	0.06	180	67.5	1.35
33	Pentode	Power Amplifier	S	5	0.26	135	135.0	1.10
34	Pentode	Amplifier	ST-C	4	0.06	180	67.5	1.35
40	Tetrode	Power Amplifier	ST	5	0.13	180	...	1.10

$2.05
2.45
3.00
1.60
1.05
1.05
2.05
1.60
2.05
1.60

2.5 VOLT GROUP—For AC or DC Operation.

Nos.	Class	Use	Illus. No.	Prongs	Rating			Each
					Filament Amperes	Plate (Max. Volts)	Screen (Max. Volts)	
2A5	Triode	Power Amplifier	ST	4	2.5	275	...	$1.35
2A6	Pentode	Power Amplifier	ST	6	1.75	275	275	1.10
2A6	Duo-Diode Tri.	Detector-AVC	ST-C	6	0.80	275	...	1.10
2A7	Heptode	Detector-Oscillator	ST-C	7	0.8	275	100	1.35
2B7	Duo-Diode Pent.	Detector-Amplifier	ST-C	7	0.8	275	125	1.35
24A	Tetrode	Detector-Amplifier	ST-C	5	1.75	275	90	1.00
27	Triode	Detector-Amplifier	ST	5	1.75	275	...	.80
35/51	Tetrode	Amplifier	ST-C	5	1.75	275	90	1.00
45	Triode	Power Amplifier	ST	4	1.50	275	...	.80
46	Tetrode	Power Amplifier	ST	5	1.75	400	250	1.10
47	Pentode	Power Amplifier	ST	5	1.50	275	275	1.00
53	Duo-Triode	Class B Amplifier	ST	7	2.00	300	...	1.35
55	Duo-Diode Tri.	Detector-AVC	ST-C	6	1.00	275	...	1.10
56	Triode	Detector-Amplifier	ST	5	1.00	275	...	.80
57	Pentode	Detector-Amplifier	ST-C	6	1.00	275	100	1.00
58	Pentode	Detector-Amplifier	ST-C	6	1.00	275	100	1.00
59	Pentode	Power Amplifier	ST	7	2.00	275	275	1.35

$2.05
2.05
1.60
1.05
1.45
1.05
2.05
1.60
1.45
1.60
2.05
1.05
1.05
1.45
1.45
2.05

6.3 VOLT GROUP—For AC or DC Operation.

Nos.	Class	Use	Illus. No.	Prongs	Rating			Each
					Filament Amperes	Plate (Max. Volts)	Screen (Max. Volts)	
6A7	Heptode	Detector-Oscillator	ST-C	7	0.30	275	100	$1.35
6B7	Duo-Diode Pent.	Detector-Amplifier	ST-C	7	0.30	275	125	1.35
6/C/6	Pentode	Detector-Amplifier	ST-C	6	0.30	275	100	1.10
6D6	Pentode	Amplifier	ST-C	6	0.30	275	90	1.00
6F7	Pent. Triode	Detector-Oscillator	ST-C	7	0.30	275	100	1.60
36	Tetrode	Detector-Amplifier	ST-C	5	0.30	275	90	1.00
37	Triode	Detector-Amplifier	ST	5	0.30	275	...	.80
38	Pentode	Power Amplifier	ST-C	5	0.30	180	180	1.00
39/44	Pentode	Amplifier	ST-C	5	0.30	275	90	1.00
41	Pentode	Power Amplifier	ST	6	0.40	250	250	1.00
43	Pentode	Cathode Type Power Pentode	ST	6	0.65	275	275	1.10
75	Duo-Diode Tri.	Detector-AVC	ST-C	6	0.30	275	...	1.10
76	Triode	Detector-Amplifier	ST	6	0.30	275	...	.80
77	Pentode	Power Amplifier	ST-C	6	0.30	275	100	1.10
78	Pentode	Detector-Amplifier	ST-C	6	0.30	275	125	1.10
79	Duo-Triode	Class B Amplifier	ST-C	6	0.60	180	...	1.35
85	Duo-Diode Tri.	Detector-AVC	ST-C	6	0.30	275	...	1.10
89	Pentode	Power Amplifier	ST-C	6	0.40	180	180	1.10

$2.05
2.05
1.60
1.05
1.05
2.05
1.60
2.05
1.60
1.45
1.60
1.45
1.45
1.45
1.45
1.60
1.05
1.60
1.60
2.05
1.60
1.60

One in a Carton, Fifty in a Case; Approximate Weight per Case about 10½ lbs.

—830—

Sylvania RADIO TUBES

SLIM BASE

MISCELLANEOUS GROUP.

Nos.	Class	Use	Current	Illus. No.	Prongs	Filament Rating Volts	Filament Rating Amperes	Each
01A	Triode	Detector-Amplifier	DC Only	ST	4	5.0	0.25	$0.70 $0.80
10	Triode	Power Amplifier	AC or DC	S	4	7.5	1.25	2.10 3.25
12A	Triode	Power Amplifier	DC	S	4	5.0	0.25	.80 1.05
12A5	Pentode	Power Amplifier	AC or DC	ST	7	12.6 / 6.3	0.30 / 0.60	2.10 3.15
18	Pentode	Power Amplifier	AC or DC	ST	6	14.0	0.30	2.00 3.00
20	Triode	Power Amplifier	DC	T	4	3.3	0.132	1.10 1.60
22	Tetrode	Amplifier	DC	S	4	3.3	0.132	1.35 2.05
26	Triode	Amplifier	AC or DC	ST	4	1.5	1.05	.70 .90
43	Pentode	Power Amplifier	AC or DC	ST	6	25.0	0.30	1.10 1.60
48	Pentode	Power Amplifier	AC or DC	ST	6	30.0	0.40	2.60 4.05
59	Triode	Power Amplifier	AC or DC	S	4	7.5	1.25	2.60 4.05
71A	Triode	Power Amplifier	AC or DC	ST	4	5.0	0.25	.80 1.05
99	Triode	Detector-Amplifier	DC	T	4	3.3	0.063	1.10 1.60
183	Triode	Power Amplifier	AC Only	S	4	5.0	0.25	1.65 2.50
182B	Triode	Power Amplifier	AC	S	4	5.0	1.25	1.65 2.50
485	Triode	Detector-Amplifier	AC Only	S	5	5.0	1.25	1.45 2.20
864	Triode	Detector-Amplifier	DC	T	4	1.1	0.25	1.60 2.40

RECTIFIER GROUP.

Nos.	Class	Use	Current	Illus. No.	Prongs	Filament Rating Volts	Filament Rating Amperes	Each
1V	Diode	Half Wave	AC or DC	ST	4	6.3	0.3	$1.00 $1.45
0Z3	Duo-Diode	Full Wave	AC	ST	4	5.0	3.0	1.00 1.45
1Z3S	Diode	Half Wave	AC or DC	ST	4	12.6	0.3	1.10 1.60
2Z2S	Duo-Diode	Voltage Doubler	AC	ST	6	25.0	0.3	1.10 1.60
80	Duo-Diode	Full Wave Rectifier	AC	ST	4	5.0	2.0	.70 .90
81	Diode	Half Wave	AC	S	4	7.5	1.25	2.10 3.25
82	Duo-Diode	Full Wave	AC	ST	4	2.5	3.0	1.00 1.45
83	Duo-Diode	Full Wave	AC	ST	4	5.0	3.0	1.00 1.45
84	Duo-Diode	Full Wave	AC or DC	ST	5	6.3	0.5	1.35 2.05

"MAJESTIC TYPE" TUBES.

The following Sylvania Tubes are interchangeable with "Majestic Type" Tubes having a similar type designation. These tubes are equipped with special shields which assure complete satisfactory shielding.

Nos.	Class	Current	Illus. No.	Prongs	Rating Filament Amperes	Rating Plate Max. Volts	Rating Screen Max. Volts	Each
‡2A7/S	Pentagrid Converter	2.5V-AC or DC	ST-C	7	0.80	275	100	$2.30 $3.45
‡2B7/S	Double Diode Pentode	2.5V-AC or DC	ST-C	7	0.80	275	100	2.10 3.15
‡2Z5/A7/S	Double Diode	2.5V-AC or DC	ST	5	1.25	...	...	2.65 4.00
‡2Z9/6S4	Half Wave Rectifier	2.5V-AC or DC	ST	4	1.50	350	...	1.85 2.80
‡6A7/S	Pentagrid Converter	6.3V-AC or DC	ST-C	7	0.30	275	100	2.30 3.45
‡6B7/S	Double Diode Pentode	6.3V-AC or DC	ST-C	7	0.30	275	125	2.10 3.15
‡6C6/S	Double Diode Triode	6.3V-AC or DC	ST	7	0.30	250	...	1.90 2.85
‡6D7	R. F. Pentode	6.3V-AC or DC	ST	7	0.30	250	100	1.75 2.65
‡6E7	Super Control R-F Pentode	6.3V-AC or DC	ST	7	0.30	250	100	1.75 2.65
‡6F7/S	Pentode Triode	6.3V-AC or DC	ST-C	7	0.30	275	100	1.90 2.85
‡6Y5	Full Wave Rectifier	6.3V-AC or DC	ST	6	0.80	350	...	1.90 2.85
‡6Z5	Interchangeable with Sylvania Type 84	6.3 or 12.6-AC or DC	ST	6	0.8 or 0.4	230	...	1.90 2.85
‡24/S	Full Wave Rectifier	2.5V-AC or DC	ST-C	5	1.75	275	90	1.30 1.95
‡25/S	A-C Screen Grid Amplifier	2.0-DC	ST	6	0.06	135	...	2.70 4.05
‡27/S	Double Diode Triode	2.5V-AC or DC	ST	5	1.75	275	...	.80 1.20
‡35/5/51/S	A-C Amplifier and Detector	2.5V-AC or DC	ST-C	5	1.75	275	90	1.40 2.10
‡46A1	Super Control Tetrode	46.1V-	ST	5	0.40	...	...	1.10 1.65
‡46B1	Ballast Tube	46.1V-	ST	5	0.30	...	...	1.10 1.65
‡55/S	Ballast Tube	2.5V-AC or DC	ST-C	6	1.00	275	...	1.70 2.55
‡56AS	Double Diode Triode	6.3V-AC or DC	ST	5	0.40	250	...	1.30 1.95
‡56/S	A-C Amplifier and Detector	2.5V-AC or DC	ST	5	1.00	275	...	1.20 1.95
‡57/S	R-F Pentode	2.5V-AC or DC	ST-C	6	1.00	275	100	1.75 2.65
‡57AS	R-F Pentode	6.3V-AC or DC	ST	6	0.4	250	100	1.75 2.65
‡58/S	Super Control R-F Pentode	2.5V-AC or DC	ST-C	6	1.00	275	100	1.75 2.65
‡58AS	Super Control R-F Pentode	6.3V-AC or DC	ST	6	0.40	250	100	1.75 2.65
‡75/S	Double Diode Triode	6.3V-AC or DC	ST-C	6	0.30	275	...	1.70 2.55
‡85AS	Double Diode Triode	6.3V-AC or DC	ST	6	0.30	250	...	1.70 2.55

One in a Carton, Fifty in a Case; Approximate Weight per Case about 10½ lbs.

‡ *Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

CROSS CUT SAWS.

WITHOUT HANDLES.

If Handles are Wanted, Invariably Specify Separately for Them.

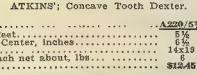
ATKINS'.

High Grade Tool Steel; Polished and Etched; Ground Gradually Thinner from Teeth to Back; Teeth Filed and Set Ready for use.

WIDE BLADE.

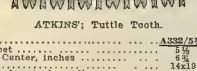
ATKINS'; Concave Tooth Dexter.

Nos.	A220/5½	A220/6
Length, feet	5½	6
Width at Center, inches	6½	7
Gauge	14x19	14x19
Weight each net about, lbs.	5	6
Each	$12.45	13.85



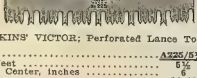
ATKINS'; Tuttle Tooth.

Nos.	A332/5½	A332/6
Length, feet	5½	6
Width at Center, inches	6½	7
Gauge	14x19	14x19
Weight each net about, lbs.	5	6
Each	$13.50	14.55



ATKINS' VICTOR; Perforated Lance Tooth.

Nos.	A225/5½	A225/6
Length, feet	5½	6
Width at Center, inches	6	6¾
Gauge	14x18	14x18
Weight each net about, lbs.	6	7
Each	$13.50	14.55



ATKINS' LONE STAR; Diamond Tooth.

Nos.	A223/5½	A223/6
Length, feet	5½	6
Width at Center, inches	5⅝	5¾
Gauge	14x18	14x18
Weight each net about, lbs.	4½	5
Each	$12.15	13.05

NARROW BLADE.

High Grade Special Steel; Polished and Etched; Teeth Filed and Set Ready for Use.

ATKINS', Hollow Back; Diamond Tooth; 14 Gauge.

Nos.	A384/5½	A384/6
Length, feet	5½	6
Width at Center, inches	3¼	3¼
Weight each net about, lbs.	4	4½
Each	$7.35	7.95

For shipment, One to Six Wide Blade, or One to Twelve Narrow Blade Saws, as Ordered, are Nailed to a Board Weighing about 7 lbs.

CROSS CUT SAWS.

WITH SUPPLEMENTARY HANDLE.

SIMMONS

Saw Steel, Polished and Etched, Carefully Ground; Teeth Hand Filed and Set; Regular (or Butt) Handle, Selected Beechwood, Finished in Weatherproof Lacquer; Supplementary Handle, Plain Beechwood, Polished Ferrule.

LANCE TOOTH; PERFORATED.

Nos.	S/3103¼	S/3104	S/3104½
Length, feet	3½	4	4½
Weight each about, lbs.	4	4¾	5½
Each	$5.85	6.75	7.50

CHAMPION TOOTH.

Nos.	S/3032½	S/3033	S/3033½	S/3034	S/3034½	S/3035
Length, ft.	2½	3	3½	4	4½	5
Wgt. each, lbs.	2½	3¾	4	4¾	5½	6½
Each	$3.79	4.50	5.25	6.00	6.75	7.50

Each Saw Individually Paper Wrapped, Sticked and Wired.

DISSTON'S.

High Grade Tool Steel, Polished and Etched; Teeth Filed and Set Ready for Use; Regular (or Butt) Handle, Selected Beechwood, Plain Sides, with Varnished Edges; Large Opening for Gloved Hands, Supplementary Handle, Varnished Beechwood; Polished Ferrule.

CHAMPION TOOTH.

Nos.	D3013	D3013½	D3014	D3014½
Length, feet	3	3½	4	4½
Weight each about, lbs.	3½	4	5	6
Each	$6.75	7.95	8.85	9.90

About Fifty in a Wood Box.

YOU CAN DO

A Larger Volume of Business and Make more Profit with Less Money Invested by using our—

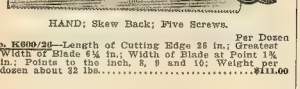
MAIL ORDER DEPARTMENT

Send Us An Order Today

HAND, RIP AND PANEL SAWS.

KEEN KUTTER®; SHIP PATTERN.

Extra Fine Quality Spring Steel Blade, Fine Damaskeene Polished; Carved Walnut Handle, Varnished and Hand Rubbed, fastened with Nickel Plated Screws; Full Taper Ground, Thin Back Blade, Perfectly Balanced, Teeth Accurately Set and Bevel Filed.



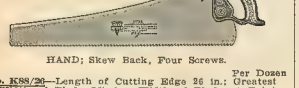
HAND; Skew Back; Five Screws.

Per Dozen

No. K809/26—Length of Cutting Edge 26 in.; Greatest Width of Blade 6¼ in.; Width of Blade at Point 1⅜ in.; Points to the inch, 8, 9 and 10; Weight per dozen about 32 lbs. **$111.00**

KEEN KUTTER®

Highest Grade Alloy Spring Steel, Extra Polished and Fancy Etched Blade; Carved Applewood Handle; Weather-proof Finish; Fastened with Special Nickel Plated Screws; Taper Ground Thin Backs; Perfect Balance; True and Easy Cutting. Teeth Accurately Set and Filed.



HAND; Skew Back, Four Screws.

Per Dozen

No. K88/26—Length of Cutting Edge 26 in.; Greatest Width of Blade 7⅝ in.; Width of Blade at Point 2⅛ in.; Points to the inch 6, 7, 8, 9 and 10, Weight per dozen about 24 lbs. **$57.00**

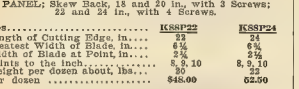
RIP; Graduated Teeth, Skew Back; Four Screws.

Per Dozen

No. K88R26—Length of Cutting Edge 26 in.; Greatest Width of Blade 7⅝ in.; Width of Blade at Point 2⅜ in.; Points to the inch 5, 5½ and 6, Weight per dozen about 24 lbs. **$57.00**

PANEL; Skew Back, 18 and 20 in., with 3 Screws; 22 and 24 in., with 4 Screws.

Nos.	K88P22	K88P24
Length of Cutting Edge, in.	22	24
Greatest Width of Blade, in.	6½	6¾
Width of Blade at Point, in.	2¾	2⅞
Points to the inch	8, 9, 10	8, 9, 10
Weight per dozen about, lbs.	20	22
Per dozen	**$48.00**	**52.50**



KEEN KUTTER® SHIP PATTERN.

HAND; Skew Back; Four Screws.

Per Dozen

No. K88/S—Length of Cutting Edge 26 in.; Greatest Width of Blade 5½ in.; Width of Blade at Point 1½ in.; Points to the inch 7, 8, 9 and 10 ..... **$57.00**

RIP; Skew Back; Four Screws.

Per Dozen

No. K88SR8—Length of Cutting Edge 26 in.; Greatest Width of Blade 5½ in.; Width of Blade at Point 1⅜ in.; Points to the inch 5½ and 6 ..... **$57.00**

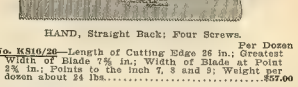
Weight per Dozen about 20 lbs.

One-third Dozen in a Cardboard Box.

HAND RIP AND PANEL SAWS.

KEEN KUTTER®

Highest Grade Crucible Spring Steel, Extra Polished and Fancy Etched Blade; Carved Applewood Handle; Weather-proof Finish; Fastened with Special Nickel Plated Screws; Taper Ground Thin Backs; Perfect Balance; True and Easy Cutting. Teeth Accurately Set and Filed.



HAND, Straight Back; Four Screws.

Per Dozen

No. K816/26—Length of Cutting Edge 26 in.; Greatest Width of Blade 7⅝ in.; Width of Blade at Point 2⅜ in.; Points to the inch 7, 8 and 9; Weight per dozen about 24 lbs. **$57.00**

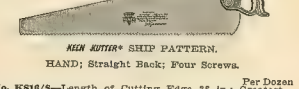
RIP; Graduated Teeth; Straight Back; Four Screws.

Per Dozen

No. K816R26—Length of Cutting Edge, 26 in.; Greatest Width of Blade 7⅝ in.; Width of Blade at Point 2⅜ in.; Points to the inch 5, 5½, 6, 6½ and 7; Weight per dozen about 24 lbs. **$57.00**

PANEL; Straight Back, 18 and 20 in., with 2 Screws; 22 and 24 in., with 4 Screws.

Nos.	K816/20	K816/22	K816/24
Lgth. Cutting Edge, in.	20	22	24
Greatest Width Blade, in.	5½	6⅛	6¾
Width Blade at Point, in.	2⅛	2⅜	2⅝
Points to the inch	9, 10	9, 10	7, 8, 9, 10
Wgt. per doz. about, lbs.	16	18	22
Per dozen	**$43.50**	**48.00**	**52.50**



KEEN KUTTER® SHIP PATTERN.

HAND; Straight Back; Four Screws.

Per Dozen

No. K816/S—Length of Cutting Edge 26 in.; Greatest Width of Blade 5½ in.; Width of Blade at Point 1½ in.; Points to the inch 7, 8, 9 and 10; Weight per dozen about 20 lbs. **$57.00**

One-third Dozen in a Cardboard Box.

SIMMONS®

High Grade Crucible Spring Steel Blade, Polished and Etched; Deep Pattern Carved and Varnished Beechwood Handle, fastened with Nickel Plated Screws; Full Taper Ground Blade; Bevel-Filed and Accurately Set Teeth.

SIMMONS® SHIP PATTERN.

HAND, Skew Back; Four Screws.

Per Dozen

No. S/S/26—Cutting Edge 26 in. Long; Points to the inch—7, 8, 9 and 10; Blade 6¼ in. Wide at Butt, 1⅜ in. Wide at Point; Weight per dozen about 22 lbs. **$45.00**

RIP; Skew Back; Four Screws.

Per Dozen

No. S/SR26—Cutting Edge 26 in. Long; Points to the inch—5, 5½ and 6; Blade 6 in. Wide at Butt, 1⅜ in. Wide at Point; Weight per dozen about 22 lbs. **$45.00**

PANEL; Skew Back; Three Screws.

Per Dozen

No. S/SP20—Cutting Edge 20 in. Long; Points to the inch—8, 9, 10 and 11; Blade 5⅛ in. Wide at Butt, 1⅜ in. Wide at Point; Weight per dozen about 15 lbs. **$36.00**

One-third Dozen in a Cardboard Box.

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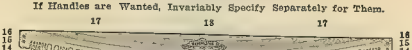
CROSS CUT SAWS.

SIMMONS*

WITHOUT HANDLES

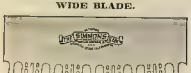
If Handles are Wanted, Invariably Specify Separately for Them.



Showing Curve Grinding on SIMMONS Saws.

Saw Steel, Polished and Etched; Ground Gradually Thinner from Teeth to Back. Teeth Hand Filed and Set.

WIDE BLADE.



SIMMONS*; Perforated Lance Tooth.

Nos.	S/1055½	S/1056
Length, feet	5½	6
Width at Center, inches	5⅛	6
Gauge	14x19	14x19
Weight each net about, lbs.	5¾	7¼
Each	$8.55	9.30

SIMMONS*, Tuttle Tooth

Nos	S/1295	S/1295½	S/1296
Length, feet	5	5½	6
Width at Center, inches	5⅛	5⅛	6
Gauge	15x19	14x18	14x18
Weight each net about, lbs.	4¾	5¾	7¼
Each	$6.75	7.50	7.95

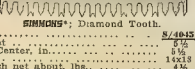
SIMMONS*; Champion Tooth.

Nos.	S/1285½	S/1286
Length, feet	5½	6
Width at Center, inches	5⅛	6
Gauge	14x16	14x16
Weight each net about, lbs	6	7¼
Each	$6.75	7.35

HALF WIDE BLADE.

SIMMONS*, Perforated Lance Tooth.

Nos.	S/1155½	S/1156
Length, feet	5½	6
Width at Center, in.	5⅛	5⅛
Gauge	14x19	14x19
Weight each Net about, lbs.	4½	5⅛
Each	$8.55	9.30



SIMMONS*; Diamond Tooth.

Nos.	S/4045½	S/4046
Length, feet	5½	6
Width at Center, in.	5⅛	5⅛
Gauge	14x18	14x18
Weight each net about, lbs.	4½	5⅛
Each	$7.65	8.40

Saw Steel, Polished and Etched; Ground Gradually Thinner from Teeth to Back; Teeth Hand Filed and Set.

HALF WIDE BLADE.

SIMMONS*; Perforated Lance Tooth; Curved Back.

Nos.	S/1335½	S/1336
Length, feet	5½	6
Width at Center, inches	5⅛	5⅛
Gauge	14x19	14x19
Weight each Net about, lbs	4½	5⅛
Each	$8.40	9.00

FELLING MEDIUM WIDE BLADE.

SIMMONS*; Tuttle Tooth.

Nos	S/4035½	S/4036
Length, feet	5½	6
Width at Center, in.	4½	4½
Gauge	14x17	14x17
Weight each about, lbs	5	5¾
Each	$8.55	9.30

NARROW HOLLOW BACK BLADE.

Saw Steel, Polished and Etched; Teeth Hand Filed and Set

SIMMONS*, Perforated Lance Tooth; 15 Gauge.

Nos.	S/2055	S/2055½	S/2056
Length, feet	5	5½	6
Width at Center, inches	3¼	3¼	3¼
Weight each net about, lbs	3½	4	4½
Each	$4.50	4.95	5.55

SIMMONS*; Perforated Lance Tooth.

Nos.	S/2145	S/2145½	S/2146
Length, feet	5	5½	6
Width at Center, in.	2¾	2¾	2¾
Gauge	16	16	16
Weight each net about, lbs	3½	4½	4½
Each	$5.25	5.70	6.45

SIMMONS*; Diamond Tooth; 15 Gauge

Nos.	S/2035	S/2035½	S/2036
Length, feet	5	5½	6
Width at Center, inches	3¼	3¼	3¼
Weight each net about, lbs.	3½	4	4½
Each	$4.20	4.65	4.95

SIMMONS*; Champion Tooth; 15 Gauge.

Nos.	S/2085	S/2085½	S/2086
Length, feet	5	5½	6
Width at Center, inches	3¼	3¼	3¼
Weight each net about, lbs.	3½	4	4½
Each	$3.75	4.20	4.65

Each Saw Individually Paper Wrapped, Sticked and Wired.

CROSS CUT SAWS.

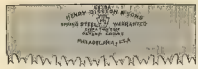
WITHOUT HANDLES.

If Handles are Wanted Invariably Specify Separately for Them.

DISSTON'S.

High Grade Tool Steel; Polished and Etched; Ground Gradually Thinner from Teeth to Back; Teeth Filed and Set Ready for Use.

WIDE BLADE.



DISSTON'S; Champion Tooth.

Nos.	D1025½	D1026
Length, feet	5½	6
Width at Center, Inches	5⅝	6
Gauge	14x16	14x16
Weight each net about, lbs.	5¾	7
Each	$10.20	10.95

NARROW BLADE.

DISSTON'S; Triumph or Champion Tooth; 14 Gauge

Nos.	D2015	D2015½	D2016
Length, feet	5	5½	6
Width at Center, Inches	3½	3¾	3¾
Weight each net about, lbs.	3½	4	4½
Each	$6.15	6.75	7.35

SIMOND'S.

High Grade Tool Steel, Polished and Etched; Teeth Filed and Set Ready for Use.

WIDE BLADE—CRESCENT GROUND.

SIMOND'S, Perforated Lance Tooth.

Nos.	133/5½	133/6	133/6½	‡133/7
Length, feet	5½	6	6½	7
Width at Center, Inches	5⅝	5¾	6	6⅛
Gauge	14x20	14x19	14x19	14x19
Weight each net about, lbs.	4½	5	6½	8
Each	$15.85	20.85	24.00	27.15

SIMOND'S, Perforated Lance Tooth.

Nos.	324/5½	324/6	324/6½	‡324/7
Length, feet	5½	6	6½	7
Width at Center, In.	5⅝	6	6⅛	7
Gauge	14x20	14x19	14x19	14x19
Wgt. each net abt., lbs.	6	6½	7	7½
Each	$17.85	20.85	24.00	27.15

SIMOND'S; Perforated Lance Tooth.

Nos.	SC/22/5½	SC/22/6
Length, feet	5½	6
Width at Center, Inches	6½	7¼
Gauge	13x20	14x19
Weight each net about, lbs.	6	7
Each	$5.35	20.85

MEDIUM WIDTH BLADE, TAPER GROUND.

SIMOND'S; Perforated Lance Tooth.

Nos.	202/5½	202/6
Length, feet	5½	6
Width at Center, in.	5⅝	5⅞
Gauge	13x20	14x19
Weight each net, lbs.	4⅝	6⅛
Each	$13.50	14.70

NARROW BLADE.

SIMOND'S, Perforated Lance Tooth.

Nos.	325/5½	325/6
Length, feet	5½	6
Gauge	14x17	14x17
Weight each about, lbs.	6	8½
Each	$17.85	20.85

Each Saw Stripped

NARROW BLADE—FLAT GROUND.

SIMOND'S; Perforated Lance Tooth.

Nos.	214/5½	214/6
Length, ft.	5½	6
Gauge	14	14
Weight each about, lbs.	5	5½
Each	$8.55	9.50

For shipment, One to Six Wide Blade, or One to Twelve Narrow Blade Saws, as ordered, are Nailed to a Board Weighing about 7 lbs.

‡*Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

WORKACE WOODWORKING LATHE.

A Four-Speed Lathe of Extra Fine Construction that runs absolutely Smooth and produces a beautiful Finish.

Cast Iron Head and Tail Stock, with Ground Steel Spindle in Head Stock; Tail Stock has Hand Wheel and Positive Lock. High Grade Precision Bronze Bearings and Ball Thrust Bearings. Steel Lathe Bed, with Heavy Steel Rods that will not spring under many times the pressure exerted in turning wood; The Screw Chuck or Face Plate can be used on either end of Spindle.

Complete with Spur or Live Center; One each 6 in. and 12 in. Tool Rests with 1 in. Shanks, Tool Rest Holder, One 2-Step Pulley and One "V" Belt.

FOUR SPEEDS (1055, 1550, 2050 and 3000 R. P. M.) will result if operated by ¼ H. P. Motor with Suitable Two Step Pulley (MOTOR AND EXTRA PULLEY NOT INCLUDED).

		Each
No. 39—Weight each about 39 lbs.		$23.20

SPECIFICATIONS:

Distance between Centers, In.	36
Capacity over Bed, In.	8⅝
Capacity over Tool Rest, In.	6
Capacity on Rear Spindle	Unlimited
Two Step Pulley, In.	2¾ and 1⅝
Length over all, In.	50
Net Weight, lbs.	36

WORKACE LATHE TOOLS.

This Set Consists of Tools with Cutters of all necessary Shapes for Wood Turning; Complete with Non-Skid, Easy Grip Rubber Handles that slip over one end of Tool making it easy to guide, safe to use and easy on the hands.

All Tools are of High Carbon Steel, Tempered.

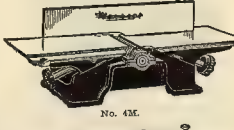
	Per Set
No. 3948—COMPLETE SET—8 Tools and Handy Rack as below. Weight per set about 8 lbs.	$6.75 $15.30

SET CONSISTS OF ONE EACH OF THE FOLLOWING:

No. 3940—Rubber Handle, for ⅜ in. Tools.
No. 3941—Rubber Handle, for ½ in. Tools.
No. 3942—Tool, ⅜ in. Skew and Round.
No. 3943—Tool, ⅝ in. Gouge and Spear Point.
No. 3945—Tool, ½ in. Round and Square.
No. 3946—Tool, ⅜ in. Cut-off and Round.
No. 3873—Rack for Tools and Handles.

PRACTICAL, ACCURATE AND STURDY
TOOLS
FOR THE
HOME WORKSHOP

WORKACE PLANERS.



No. 4M.

No. 31.

	Each
‡No. 4—WITHOUT MOTOR; Recommend ¼ H. P. Motor; 1⅝ in. Pulley on Cutter Head	$15.00 $40.50
‡No. 4M*—WITH ¼ H. P. SINGLE PHASE MOTOR, 110 Volts, A. C. Current 60 Cycles connected directly to Cutter Head by Flexible Coupling	45.00 101.25
No. 31—WITHOUT MOTOR; Recommend ¼ H. P. Motor, 1⅝ in. Pulley on Cutter Head	$7.60 16.95

These 4 in. Planers will be found very desirable in Commercial Shops, etc. where minutes count and where accuracy is demanded. They are fitted with the necessary Hand Wheels, Levers, etc. for adjusting and maintaining extreme accuracy.

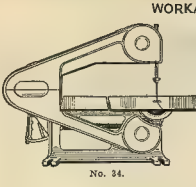
Cast Frame and Heavily Ribbed Tables; Tables mounted on accurately machined inclined ways, 4-point contact; Fence adjustable 45 Degrees, moves easily for various widths of Rabbeting.

Circular Safety Type Cutter Head with High Quality Tempered Steel Knives; High Grade Bronze Bearings.

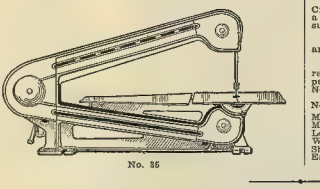
	4	4M*	31
Maximum Depth of Cut, In.	5/32	5/32	⅛
Size Knives, in.	4	4	4
Number of Knives (No. 18)	3	3	2
Length over all, in.	20	20	15
Cutter Head Speed, R. P. M.	3600	3600	3600
Net Weight, lbs.	28	66	15
Shipping Weight, lbs.	38	84	17

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

WORKACE BAND-SCROLL SAWS.



No. 34.



No. 35

This High Grade Band-Type Machine handles all irregular Cutting such as intricate designs, patterns, stencils, puzzles, etc., and turns small diameter circles with ease. It cuts much faster and will do a much greater range of work than a Jig or Reciprocating Type of Saw and leaves a Smooth, Clean Edge.

The Frame is a Single, Heavy Ribbed Casting, completely enclosing the Wheels and Blade from the rear; All moving Parts and Blade, with exception of the Working Point, are totally enclosed by Guards; Guides above and below the Table Has Correct Tensioner to keep Blade at correct Tension at all times.

The Three Light-Weight Wheels on which the Saw travels are ground, crowned, faced with Rubber, carefully balaced and equipped with large Ball Bearings, which accounts for the possibility of handling a large variety of irregular cutting.

Blade runs on periphery of a Ball Bearing, (not on the side), and will not overheat.

The Table is a Heavy Steel Plate mounted on large Cradle and tilts 45 Degrees; The Auxiliary Table is also a Heavy Steel Plate mounted on side of work table and supports wide stock.

Complete with Four Blades—One each .035, ⅛, 3/16 and ¼ in.

Band Wheels 4 in. in Diameter; Band Wheels should revolve 876 R. P. M. and Lineal Speed of Blade 900 ft. per minute; A ¼ H. P. Motor is Recommended. (MOTOR NOT INCLUDED.)

Nos.	34	*38
Maximum Space under Guide, in.	4	6
Maximum Width of Cut, in.	12	24
Length of Saw Blade, in.	55	80
Weight each Net, lbs.	42	60
Shipping Weight, lbs.	52	70
Each	$19.50	27.75
	43.95	62.55

WORKACE TOOLS

ARE BUILT ON EXPERIENCE

WORKACE JIG SAWS.

Includes all the Features in Design and Construction of the more expensive Machines with many exclusive features.

Can be used for Metal, Die Cutting, Electros and Wood and will cut from 4 to 6 Thicknesses of 3/16 in. Plywood at a time.

Heavy Cast Base and Removable Gooseneck; Heavy Steel Shaft; Heavy Steel Disc Table 10 in. in Diameter mounted on large diameter sectors; Table tilts 45 Degrees in either direction and is locked by large lever. Dial indicates Angle.

Drive Construction is of the Crank, Pin and Cross Head Type, each part balanced to operate smoothly; Bearings and Moving Parts lubricated by Two Wick Feed Oil Cups.

Pin End and Plain End Blades, Sabre Blades and Files are quickly inserted in Blade Holders.

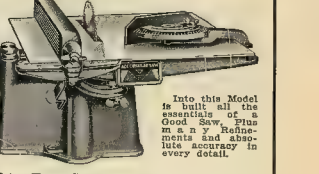
Complete with Eight Blades—One Each Nos. 3231 and 3250 and Six No. 3267 Pinless Blades; Also One Extra Pair of Blade Holders for Plain End Blades.

		Each
No. 24—Weight each 35 lbs.		$12.50 $23.20

SPECIFICATIONS:

Stroke, in.	1
Maximum Cutting Thickness, in.	1½
Distance between Blade and Gooseneck, in.	12
Diameter of Table, in.	10
Table Tilts Right and Left	45°
Pulley on Shaft, in.	3¼
Correct Pulley Speed, R. P. M.	900
Net Weight, lbs.	28

WORKACE CIRCULAR SAW.



Into this Model is built all the essentials of a Good Saw, Plus many Refinements and absolute accuracy in every detail.

The Extra Heavy Saw Spindle is mounted in High Grade Bronze Bearings constantly lubricated by Wick Feed from Oil Wells below each Bearing.

Heavy Cast Iron Base; Steel Plate Table—absolutely Level, Adjustable 45 Degrees; Locks at Two Points; Fitted with Removable Throat to provide room for dado or cope heads; Accurate, Solid Cast Rip Fence clamps to both front and back of table; Cross Cut Fence slides on rail in side of machine; Adequate Levers, Hand Wheels, etc. for accurate adjustment.

Complete with One 6 in. Combination Cross Cut and Rip Saw with ⅝ in. Hole. (MOTOR NOT INCLUDED.)

		Each
No. 32WA—Weight each about 30 lbs.		$12.50 $23.20

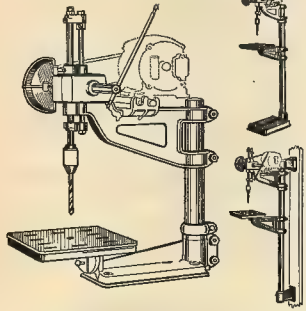
SPECIFICATIONS:

Depth of Cut, in.	2
Width, with Dado or Cope Head, in.	⅝
Width between Blade and Cross Cut Fence, in.	5
Width between Blade and Rip Fence	6
Diameter of Blade, in.	6
Diameter Spindle, in.	⅝
Size of Table, in.	11x14
Recommended H. P. of Motor	¼
Net Weight, lbs.	20

*Goods marked thus (*) are not carried in stock and can only be furnished by shipment direct from factory.

WORKACE RADIAL DRILLS.

These Radial Drills have plenty of Power and much greater Capacity and versatility than the average drill. The Radial feature permits swinging the head away from the table for drilling long or wide Stock supported on Floor; Also Head can be swung to various locations for drilling without moving work. It is not limited to small Diameters as it will drill to center of 26 in. Diameter.



Heavy Cast Table and Base; Solid Bar Steel Column 2¾ in. in Diameter; Standard Spindle of Extra Large Diameter with High Grade Bronze Bearings and Ball Thrust Bearings. Fitted with Threaded End for Screw Chucks; Upper End of Rack fitted with Depth Stop and Special Screw to lock it in any fixed position for Routing, Shaping, Grinding, etc. Depth Graduations in ¼ in. on Rack; Complete with Pulley Guard.

Fitted with the efficient Wallace Cradle Drive Brackets for mounting Motor and Two Special Pulleys, which, when used with Two Step Motor Pulley makes available Four Spindle Speeds—700, 1050, 1350 and 1950 R. P. M. which conforms with Standard Speeds set by engineering Authorities for Drilling in Metal with Carbon Drills up to ½ in. Diameter. (MOTOR NOT INCLUDED).

GENERAL SPECIFICATIONS:

Table 16x10 in. Tilts 45 Degrees both ways, with a Pin to lock it square with Drill Spindle.

Spindle Travel 4¼ in.

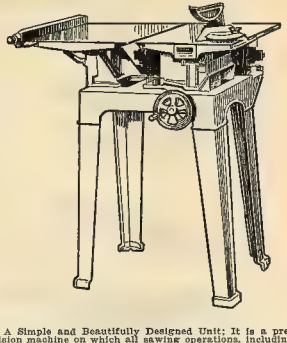
Distance between Center of Spindle and Column 13 in.

Maximum Chuck Capacity ½ in.

Spindle Speeds—700, 1050, 1350, 1950 R. P. M.

Nos.	33B	‡33F	‡33W
Model	Bench	Floor	Wall
Height over all, in.	29	61	65
Table Travel, in.	..	33	36
Maximum Distance, Table to Spindle	16¼	35	39
Bench or Floor Space, in.	12x22	12x25	12x22
Net Weight, lbs.	67	115	119
Shipping Weight, lbs.	94	153	159
Each	$27.75	41.25	42.00
	27.55	27.85	28.50

‡WORKACE VARIETY SAWS.



A Simple and Beautifully Designed Unit: It is a precision machine on which all sawing operations, including all angles of cuts, can be handled in the minimum of time for setting up and with plenty of power and strength to handle rapidly any work within its capacity; Designed and built for real work, accuracy and safety.

It can be set quickly and correctly for any Cut, height or angle—a lever for instant adjustment and a large Hand wheel for precision setting; The Table tilts to any angle up to 45 Degrees; The Rip Fence is locked front and rear by a Knurled Nut, is self-aligning and will not creep.

The Auxiliary Table for Wide Cutting is substantially built and is adjustable for height.

Will cut any width up to 24 in., and full 2¾ in. Thick.

Fitted with Wallace Cradle Drive Motor Brackets that makes every ounce of energy available. (MOTOR NOT INCLUDED).

Complete with Stand as shown; Also one 8 in. Combination Cross Cut and Rip Saw, 3¼ point.

Each

‡No. 42E—Weight each 182 lbs. $50.50 $38.50

SPECIFICATIONS:

Maximum Depth of Cut, in.	2¾
Maximum Width between Rip Fence and Blade, in.	24
Maximum Width between Cross Cut Fence and Blade, in.	6¼
Width of Cut with Dado or Cope Head, in.	1
Diameter Spindle, in.	⅝
Size of Table and Auxiliary Table, in.	33x18
Motor Recommended, H. P.	½
Net Weight, lbs.	128

WORKACE TOOLS "You live but once—Give yourself the Tools to enjoy these precious hours"

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

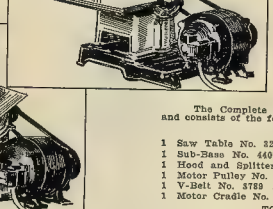
CIRCULAR SAW DEMONSTRATOR OUTFIT.

The demand for Popular Priced Machines is increasing and practically all this business has been going to the Mail Order Houses, Chains and Stores in large Cities.

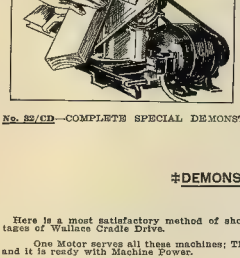
We have arranged with our manufacturer to make a Special Offer on one of the most popular sellers in their complete line and this will serve as a sample or demonstrator.

This Demonstrator Outfit when equipped with a ¼ H. P. Motor (a regular wash machine motor will do) will prove to anyone that it and any of the Workace Machines are real value.

This one introductory machine properly demonstrated will create a market for Hardware, Tools, Sand Paper, etc.



WALLACE WORKACE.



MOTOR NOT INCLUDED.

The Complete Outfit as illustrated, lists at $18.00 and consists of the following:

		Retail
1	Saw Table No. 32WA	$12.50
1	Sub-Base No. 4407	1.50
1	Hood and Splitter Guard No. 4416	1.50
1	Motor Pulley No. 3799	1.00
1	V-Belt No. 3783	1.00
1	Motor Cradle No. 3163	.50
	TOTAL	$18.00

No. 32/CD—COMPLETE SPECIAL DEMONSTRATOR; Weight each about 30 lbs. ..... Each $31.50

One in a Case.

‡DEMONSTRATOR TABLE AND TOOLS.

WALLACE WORKACE

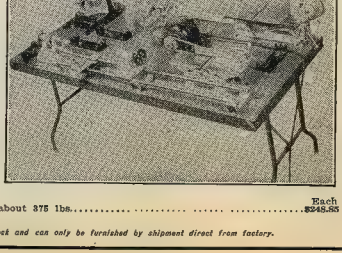
Here is a most satisfactory method of showing and demonstrating Wallace Workace Tools and the many advantages of Wallace Cradle Drive.

One Motor serves all these machines; This Motor can be set in the bracket of the machine to be demonstrated and it is ready with Machine Power.

With this Demonstrator Table and Tools the dealer can show the various tools in an attractive manner and show each one in operation.

CONSISTS OF:

		Suggested Retail Price Each
1	No. 24—Jig Saw	$12.50
1	No. 30—Lathe, with Extra Pulley	12.50
1	No. 21—Planer, with Guard	9.00
1	No. 32WA—Circular Saw	12.50
1	No. 4407—Sub-base	1.50
1	No. 4406—Saw Guard and Splitter	1.50
1	No. 34—Scroll Saw	19.50
1	No. 3765—¼ H. P. 110 Volts, 60 Cycle Motor	11.00
1	No. 3163—Motor Cradle	.50
4	—No. 3164—Cradle Bracket @ 50¢	2.00
1	No. 3783—V-Belt	1.00
1	No. 3799—Motor Pulley	1.00
1	No. 3948—Set Lathe Tools on Display Board	6.75
1	No. 3298—Display Panel, 30x60 in. with Apron, drilled for machines and including full size layout blueprint....Net	6.00
1	No. 3296—Pair Folding Legs .....Net	3.50
1	Lot Suitable Bolts and Screws.....No Charge	

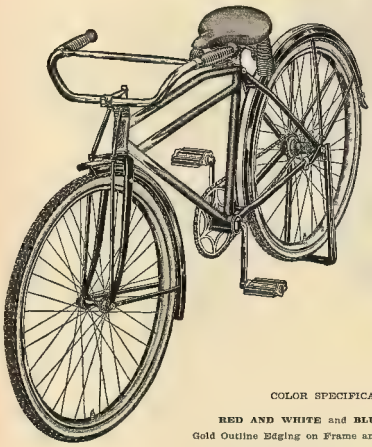


‡No. DTS—Complete as above; Weight Complete about 375 lbs. ..... Each $248.85

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

BANNER* BICYCLES.

SOLD ONLY AS DESCRIBED—NO OPTIONS.



MEN'S MODEL.

FRAME—1 in. Seamless Steel Tubing, Brazed Construction.

FORK Motorcycle Type; Stamped Steel; Double Bar; Tubular Sides; Brazed Construction.

CRANK HANGER—One Piece Steel Forging.

PEDALS—Plain Rubber Tread—Ball Bearing Construction.

FRONT HUB—Bicycle Type, Concave.

COASTER BRAKE—New Departure.

CHAIN—½ in. Diamond Roller.

WHEELS—Chromium Plated Steel, Wood-lined Rims, Rust-proof Spokes.

TIRES—U. S. Chain Tread.

HANDLEBAR—⅞ in. Tubular, Chromium Plated, Extension Stem.

SADDLE—Troxel No. 5, Motorbike Type, Double Coil Springs, Bucket Seat.

GUARDS—Drop Side, Two Wide Contrasting Stripes, Cadmium Plated Braces.

PARKING STAND—Center Braced, Cadmium Plated

TAIL LIGHT—Reflector Type, Attached to Rear Mudguard.

COLOR SPECIFICATIONS:

RED AND WHITE and **BLUE AND WHITE.**

Gold Outline Edging on Frame and White "V" on Fork.

Each

No. DB26—26 IN. WHEELS; 18 in. Drop Frame, No. 3 Pedals; Wide Handle Bar; Black Rubber Grips; Weight each about 68 lbs. $64.50

No. DB28—28 IN. WHEELS; 20 in. Drop Frame; No. 5 Pedals; Motor Bike Type, Braced Handle Bar; Standard Black Grip; Weight each about 73 lbs. 66.00

WITH BALLOON TIRES.

WHEELS—26 in. Chromium Plated Steel Clincher Drop Center Rims, Rust-proof Spokes.

TIRES—26x2¼ in. U. S. Balloon, Chain Tread.

COLOR SPECIFICATIONS:

RED AND WHITE and **BLUE AND WHITE.**

Gold Outline Edging on Frame and White "V" on Fork.

Each

No. DBB26—26 IN. WHEELS; 18 in. Drop Frame; Weight each about 64 lbs. $70.50

One in a Crate.

BANNER* BICYCLES.

RACER MODEL

SOLD ONLY AS DESCRIBED—NO OPTIONS.

FRAME—1 in. Seamless Steel Tubing—Brazed Construction

FORK—Racer Type, Chromium Plated Brazed Construction.

CRANK HANGER—One Piece Steel Forging.

PEDALS—No. 9, Plain Rubber Tread, Ball Bearing Construction.

FRONT HUB—New Departure.

REAR HUB—New Departure.

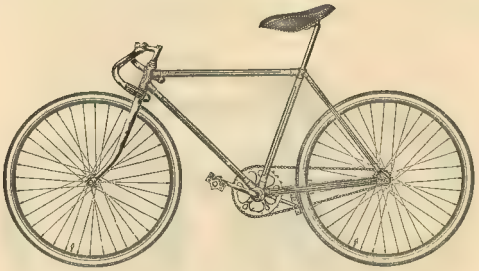
CHAIN—½ in. Diamond Roller.

WHEELS—28 in. Racing Type, Natural Wood Rims, Rust-proof Spokes.

TIRES—U. S. Racer Type.

HANDLEBAR—⅞ in. Tubular Racer Type.

SADDLE—Troxel Racer Type.



COLOR SPECIFICATIONS:

BLACK AND WHITE with Gold Outline Edging on Frame.

	Each
No. R28—28 in. Wheels; 20 in. Frame; Weight each about 60 lbs.	$68.00

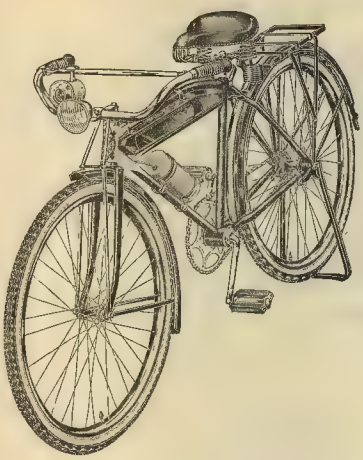
One in a Crate.

American Youth looks forward to the pleasures of tomorrow. Cycling is one of the recreations appealing to both young men and women.

It has become a National Pastime, and why not? No gas to buy—no upkeep—healthful and invigorating—at so little cost.

BANNER* BICYCLES.

SOLD ONLY AS DESCRIBED—NO OPTIONS.



MEN'S MODEL.

FRAME—1 in. Seamless Steel Tubing, Brazed Construction.

FORK—Motorcycle Type, Stamped Steel, Double Bar, Tubular Sides, Brazed Construction.

CRANK HANGER—One Piece Steel Forging.

PEDALS—Plain Rubber Tread, Ball Bearing Construction.

FRONT HUB—Bicycle Type, Concave.

COASTER BRAKE—New Departure.

CHAIN—½ in. Diamond Roller.

HANDLEBAR—⅞ in. Tubular, Chromium Plated. Motorbike Type, Braced, Extension Stem.

SADDLE—Double Coil Spring, Bucket Seat.

GUARDS—Drop Side, Two Wide Contrasting Stripes, Cadmium Plated Braces (No Outline Edging).

PARKING STAND—Center Braced, Cadmium Plated.

TANK—Rectangular Stamped Steel, Single Gold Stripe, Standard Decalcomania Transfer.

BATTERY CONTAINER—Aluminum Finish (for No. 6 Dry Cell) Switch on Lamp. (Battery not included).

LUGGAGE CARRIER—Flat Type, Electric Spot Weld Construction.

TAIL LIGHT—Reflector Type, Attached to Rear Mudguard.

COLOR SPECIFICATIONS:

RED AND WHITE and **BLUE AND WHITE.**

Gold Outline Edging on Frame and White "V" on Fork.

PEDALS—No. 5; Black DeLuxe GRIPS; SADDLE No. 4 Troxel, Double Wire Truss; LAMP—Full Spotlight Type, Chromium Plated. HORN—Motorcycle Type, Aluminum Finish.

WHEELS—Chromium Plated Steel, Woodlined Rims, Rust-proof Spokes.

TIRES—U. S. Chain Tread.

Nos.	Wheels, In.	Frame Size, In.	Weight each about, lbs.	Each
MB26	26	18 Drop	71	$75.00
MB28	28	20 Drop	76	75.00

WITH BALLOON TIRES.

COLOR SPECIFICATIONS:

RED AND WHITE and **BLUE AND WHITE.**

Gold Outline Edging on Frame and White "V" on Fork.

PEDALS—No. 5; Standard Black GRIPS; SADDLE—No. 5 Troxel Motorbike; LAMP—Delta Clipper, Aluminum Finish; HORN—Standard, Aluminum Finish.

WHEELS—26 in. Chromium Plated Steel, Clincher, Drop Center Rims, Rust-proof Spokes.

TIRES—26x2⅛ in. U. S. Balloon, Chain Tread.

	Each
No. MBB26—26 in. Wheels; 18 in Drop Frame; Weight each about 78 lbs.	$79.50

One in a Crate.

BANNER* BICYCLES.

SOLD ONLY AS DESCRIBED—NO OPTIONS.

LADIES' MODEL.

FRAME—1 in. Seamless Steel Tubing—Electric Welded and Brazed Construction.

FORK—Motorcycle Type, Stamped Steel Double Bar, Tubular Sides, Brazed Construction.

CRANK HANGER—One Piece Steel Forging.

PEDALS—No. 10, Plain Rubber Tread, Ball Bearing Construction.

FRONT HUB—Bicycle Type, Concave.

COASTER BRAKE—New Departure.

CHAIN—½ in. Diamond Roller.

WHEELS—Chromium Plated Steel, Woodlined Rims, Rust-proof Spokes.

TIRES—U. S. Chain Tread.

HANDLEBAR—⅞ in. Tubular, Chromium Plated, Standard Black Grips

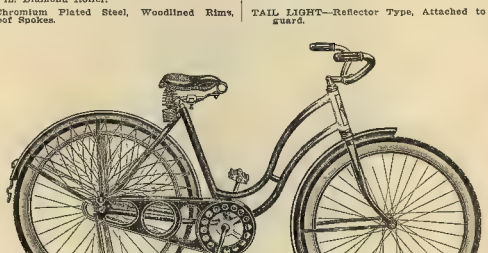
SADDLE—Troxel.

GUARDS—Drop Side, Two Wide Contrasting Stripes, Cadmium Plated Braces (No Outline Edging).

PARKING STAND—Center Braced, Cadmium Plated.

SKIRT GUARD—Laced Cord.

TAIL LIGHT—Reflector Type, Attached to Rear Mudguard.



(Cut Illustrates No. LB26 with Balloon Tires.)

COLOR SPECIFICATIONS:

RED AND WHITE and BLUE AND WHITE.

Gold Outline Edging on Frame and White "V" on Fork.

	Each
No. L26—26 IN. WHEELS; 17¼ in. Drop Frame; Troxel Juvenile Saddle, Nickel Plated Double Coil Spring; No Chain Guard; Weight each about 61 lbs.	$34.50
No. L2S—26 IN. WHEELS; 18⅜ in. Drop Frame; Troxel "U" Padded Ladies' Saddle, Single Coil Spring; With Chain Guard; Weight each about 67 lbs.	36.00

WITH BALLOON TIRES.

WHEELS—26 in. Chromium Plated Steel, Clincher Type, Drop Center Rims, Rust-proof Spokes.

TIRES—26x2¼ in. U. S. Balloon Chain Tread.

COLOR SPECIFICATIONS:

RED AND WHITE and BLUE AND WHITE.

	Each
No. LB26—26 IN. WHEELS; 17½ in. Drop Frame; Weight each about 64 lbs.	$70.50

One in a Crate.

BANNER* BICYCLES.

SOLD ONLY AS DESCRIBED—NO OPTIONS.

MEN'S MODEL.

FRAME—1 in. Seamless Steel Tubing, Brazed Construction.

FORK—Stamped Steel, Double Bar, Tubular Sides, Brazed Construction.

CRANK HANGER—Steel Forging.

PEDALS—Plain Rubber Tread, Ball Bearing Construction.

FRONT HUB— Bicycle Type, Concave.

COASTER BRAKE—New Departure.

CHAIN—$\frac{3}{16}$ in. Diamond Roller.

WHEELS—Chromium Plated Steel Wood Lined Rims; Rust-proof Spokes.

TIRES—U. S. Chain Proof.

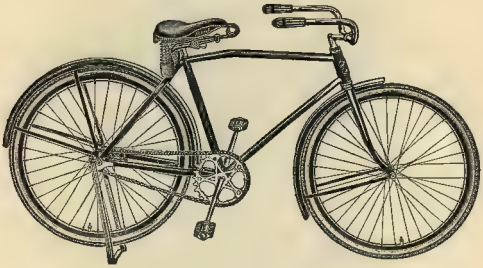
HANDLE BARS—Tubular; Chromium Plated; Black Rubber Grips.

SADDLE—Troxel; Double Coil Springs.

GUARDS—Drop Side; Two Wide Contrasting Stripes; Cadmium Plated Brace.

PARKING STAND—Cadmium Plated; Center Braced.

TAIL LIGHT—Reflector Type, Attached to Rear Mud Guard.



COLOR SPECIFICATIONS:

RED AND WHITE and **BLUE AND WHITE.**

Gold Outline Edging on Frame and White "V" on Forks.

Nos. SB30 and SB24 have TWO PIECE CRANK HANGER, No. 8 PEDALS AND TROXEL JUVENILE SADDLE.

Nos.	Wheels, in.	Height Frame, in.	Weight each about, lbs.	Each
SB20	20	14 Drop	48	$60.00
SB24	24	16 Drop	54	61.50

Nos. SB26 and SB28 have ONE PIECE CRANK HANGER, No. 9 PEDALS AND TROXEL No. 5 MOTOR BIKE TYPE BUCKET SEAT.

Nos.	Wheels, in.	Height Frame, in.	Weight each about, lbs.	Each
SB26	26	18 Drop	56	$63.00
SB28	28	20 Drop	67	64.50

One in a Crate.

POCKET KNIVES.

SIMMONS*.

High Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND, READY FOR USE.

TWO LARGE BLADES, 1 Clip and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/338—4 IN.; STAG HANDLE $18.00

TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. S/316—3¾ IN.; STAG HANDLE $13.50

TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Nickel Silver Cap and Bolsters; Brass Lining.

Per Dozen

No. S/353—3⅜ IN.; WHITE PEARL CELLULOID HANDLE. $12.00

TWO BLADES, 1 Large Saber Clip and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. S/331—3¾ IN.; STAG HANDLE $18.90

TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. S/218—3¾ IN.; ASSORTED CELLULOID HANDLES $12.50

TWO BLADES, 1 Large Clip Point and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. S/217—3¾ IN.; STAG HANDLE $12.00

TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield. Brass Lining.

Per Dozen

No. S/325—4½ IN.; STAG HANDLE $16.50

TWO BLADES, 1 Large Spear and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. S/212—3½ IN.; STAG HANDLE $12.00

TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

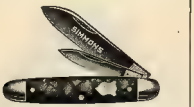
Per Dozen

No. S/215—3½ IN.; BROWN AND BLACK CELLULOID HANDLE $12.00

TWO BLADES, 1 Large Saber Clip and 1 Pen, Full Polished; Nickel Silver Bolster and Cap; Brass Lining.

Per Dozen

No. S/226—2¾ IN.; STAG HANDLE $14.40



TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Bolster, Cap, Shield and Lining.

Per Dozen

No. S/219—3½ IN.; GREEN CELLULOID HANDLE $12.00

TWO BLADES, 1 Clip and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. S/213—3½ IN; WHITE AND BLACK CELLULOID HANDLE $12.00

One-half Dozen in a Cardboard Box, Weight per Dozen about 2 lbs.

POCKET KNIVES.

SIMMONS

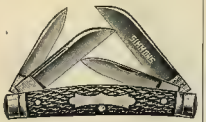
High Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND, READY FOR USE.

SCOUT KNIFE.

FOUR BLADES: 1 Large Spear Blade, 1 Can Opener, 1 Combination Screw Driver and Bottle Opener and 1 PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters, Shield and Lining; Nickel Silver Shackle.

Per Dozen

No. S/490—3⅝ IN.; STAG HANDLE $12.00



FOUR BLADES, 2 Large Tobacco Blades and 2 Pens, Full Polished; Nickel Silver Rat-tail Bolsters and Shield; Brass Lining.

Per Dozen

No. S/342—4 IN.; STAG HANDLE $22.50

THREE BLADES, 1 Large Saber Clip, 1 Spey and 1 Pen, Full Polished; Nickel Silver Tips and Shield, Brass Lining.

Per Dozen

No. S/347—3¼ IN.; BLACK STRIPED PEARL CELLULOID HANDLES $16.00

THREE BLADES, 1 Large Spear and Two Pens, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. S/348—3¼ IN.; BLACK STRIPED PEARL CELLULOID HANDLES $18.00

THREE BLADES, 1 Large Spear Point and 2 Pens, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. S/350—3¼ IN.; WHITE PEARL CELLULOID HANDLE $13.00

THREE BLADES, 1 Large Clip, 1 Sheepfoot and 1 Pen, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/222—3⅝ IN.; STAG HANDLE $16.50

THREE BLADES, 1 Large Clip, 1 Sheepfoot and 1 Pen, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/224—3⅝ IN.; ASSORTED CELLULOID HANDLES.... $16.50

THREE BLADES, 1 Large Spear, 1 Sheepfoot and 1 Pen, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/232—3⅝ IN.; PEARL AND BLACK CELLULOID HANDLE $16.50

THREE BLADES, 1 Long Clip, 1 Sheepfoot and 1 Pen, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/223—3¾ IN.; STAG HANDLE $16.50

THREE BLADES, 1 Large Clip, 1 Small Clip and 1 Pen, Full Polished; Nickel Silver Bolsters, Shield and Lining

Per Dozen

No. S/311—3½ IN.; STAG HANDLE $22.50

MUSKRAT.

Designed and Constructed especially for Skinning Muskrats; Has two Slender, Oval Back Clip Blades.

TWO LARGE BLADES, Full Polished, Nickel Silver Bolsters and Lining.

Per Dozen

No. S/341—4 IN.; STAG HANDLE $19.50

TEXAS JACK PATTERN.

TWO LARGE BLADES, 1 Spear and 1 Clip Point, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. S/340—3¾ IN.; STAG HANDLE $18.00

One-half Dozen in a Cardboard Box; Weight per Dozen about 2¼ lbs.

POCKET KNIVES.

SIMMONS*

High Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND, READY FOR USE.

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. S/211—3¾ IN.; STAG HANDLE $12.00

TWO BLADES, 1 Large Spear and 1 Pen, Full Polished; Polished Steel Bolster; Steel Lining.

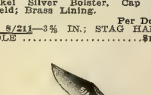
Per Dozen

No. S/235—3¾ IN.; STAG HANDLE $7.00

TWO BLADES, 1 Large Spear and 1 Pen, Full Polished; Polished Steel Bolster and Lining. The Name "SIMMONS" Stamped on Bolster.

Per Dozen

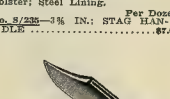
No. S/218—3½ IN.; BROWN BONE HANDLE $12.00



TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Nickel Silver Bolsters, Cap and Shield; Brass Lining.

Per Dozen

No. S/254—3 ½ IN.; WHITE PEARL CELLULOID HANDLE. $10.50



TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Polished Steel Bolster and Lining; The Name "SIMMONS" stamped on Bolster.

Per Dozen

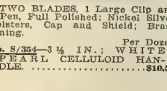
No. S/227—3¼ IN.; WHITE CELLULOID HANDLE $14.25

BARLOW PATTERN.

TWO BLADES, One Large Razor Blade and One Pen, Full Polished; Polished Steel Bolster and Lining; The Name "SIMMONS" Stamped on Bolster

Per Dozen

No. S/310—3¼ IN.; BROWN BONE HANDLE $12.00



TWO BLADES, 1 Large Clip and 1 Pen, Full Polished; Polished Steel Bolster; Steel Lining.

Per Dozen

No. S/236—3¾ IN.; STAG HANDLE $7.00

TWO BLADES, 1 Large Clip and 1 Pen, Full Polished, Polished Steel Bolster and Lining. The Name "SIMMONS" stamped on Bolster.

Per Dozen

No. S/317—3¼ IN.; BROWN BONE HANDLE $12.00

PROMPT AND PERSONAL ATTENTION
TO ALL
MAIL, EXPRESS AND FREIGHT ORDERS

PRUNING KNIFE.

For Pruning and Trimming Shrubbery, Trees, etc.; Also for Cutting Kaffir Corn, Maize, Linoleum, Roofing and Rubber.

Strong, Sturdy Blade, with Heavy Full Rounded Handle to give a Fine, Comfortable Grip.

Special Shaped Large Pruning Blade 8 in. Long, Full Mirror Polished; Polished Steel Lining and Flushed Steel Bolster.

Per Dozen

No. S/822—3¾ IN.; COCOBOLO HANDLE.....$15.00

MAIZE KNIFE.

A Full Size Sturdy Maize Knife that can also be used for Budding, etc. Blade is considerably wider at point than at tang and assures long service; Tang of Blade is rounded to prevent cutting or blistering user's fingers.

Large Special Shaped Maize Blade 2¼ in. Long, Full Mirror Polished; Polished Steel Lining and Flushed Steel Bolster.

Per Dozen

No. S/321—3¾ IN.; COCOBOLO HANDLE.....$13.50

One-half Dozen in a Cardboard Box; Weight per Dozen 2 lbs.

POCKET KNIVES.

SIMMONS*

High Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND READY FOR USE.

SIMMONS* SONNY.

With Chain and Clasp.

These Boys' Pocket Knives are put up in an attractive Partitioned Hinged Cover Cardboard Box.

TWO BLADES, 1 Large Spear and 1 Pen, Full Polished; Nickel Silver Bolster and Cap; Brass Lining.

Complete with 14 in. Nickel Plated Steel Chain with Button Clasp.

Per Dozen

No. S/204—3¼ IN.; WHITE CELLULOID HANDLES, with "SIMMONS Sonny" stamped in Black on Handle; Weight per dozen about 1⅝ lbs. $0.75

SIMMONS* SONNY.

TWO BLADES, 1 Large Clip and 1 Pen, Full Polished, Nickel Silver Tips, Brass Lining.

The name "SIMMONS SONNY" stamped in Black on Handle.

Per Dozen

No. S/205—3¼ IN.; WHITE CELLULOID HANDLE; Weight per dozen about 1⅝ lbs. $0.60

One Dozen in an Attractive Partitioned Hinged Cover Cardboard Box.

SIMMONS* SONNY.

These Boys' Pocket Knives are put up in an attractive Partitioned Hinged Cover Cardboard Box.

TWO BLADES, 1 Large Spear and 1 Pen, Full Polished; Nickel Silver Tips; Brass Lining.

Per Dozen

No. S/200—3¼ IN.; WHITE CELLULOID HANDLE, with "SIMMONS Sonny" stamped in Black on Handle; Weight per dozen about 1⅝ lbs. ... $0.60

POCKET KNIFE ASSORTMENTS.

SIMMONS*

High Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND, READY FOR USE.

ONE LARGE SABER CLIP BLADE, Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

CONSISTS OF TWELVE CELLULOID HANDLE POCKET KNIVES—Assorted Stag, Pearl and Varicolored.

Per Assortment

No. S/326—LENGTH 4⅛ IN.; Weight per Assortment about 2¼ lbs. $12.00

One Assortment in a Cardboard Box.

This Assortment consists of One Dozen Fast Selling Jack Knives, Popular Clip Blade Patterns, Full Polished Blades, Nickel Silver Bolsters and Shield; Brass Lined.

There are Four with Stag Handles and Eight with the Latest Attractive Colored Celluloid Handles.

Per Assortment

No. S/346—Assortment of One Dozen 3⅝ in. Pocket Knives as described above; Weight per dozen about 1½ lbs. $12.00

One Dozen in a New Cut-out Display Tray—Each Knife in its Place.

SIMMONS* BLACK AND WHITE ASSORTMENT.

This very Attractive Jack Knife Assortment consists of Twelve Two-bladed Knives put up in a cut-out Display Box with Gilt Base and Blue Edge.

Knives have Two Blades, 1 Large Clip and One Pen, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Assortment

No. S/340—Assortment; Handles Assorted SIX SOLID BLACK CELLULOID and SIX SUPER PEARL CELLULOID; Weight per Assortment about 1½ lbs $13.50

POCKET KNIVES.

SIMMONS*

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

THREE BLADES, 1 Large Spear, 1 Pen and 1 Nail File, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. S/328—3¾ IN.; STAG HANDLE $16.50

OFFICE KNIFE.

TWO LARGE BLADES, 1 Spear and 1 Eraser Point, Full Polished; Brass Lining.

Per Dozen

No. S/226—3¾ IN.; WHITE CELLULOID HANDLE; ETCHING ON HANDLE $13.50

TWO BLADES, 1 Large Sheepfoot Point and 1 Pen, Full Polished; Nickel Silver Rat Tail Bolsters; Brass Lining.

Per Dozen

No. S/227—3 IN.; STAG HANDLE $12.00

TWO BLADES, 1 Large Sheepfoot Point and 1 Pen, Full Polished; Nickel Rat Tail Bolsters; Brass Lining.

Per Dozen

No. S/228—3¾ IN.; STAG HANDLE $16.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished, Nickel Silver Tips and Shield; Brass Lining.

Per Dozen

No. S/230—3¾ IN.; GREY AND RED CELLULOID HANDLE.$12.00

THREE BLADES, One Large Clip, 1 Spey and 1 PATENT LEATHER PUNCH; All Blades Full Polished, Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/338—3¾ IN.; RED AND WHITE MARBLEIZED CELLULOID HANDLE $16.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. S/214—3¾ IN.; ASSORTED ½ STAG AND ½ CELLULOID HANDLES IN A CARTON ..$13.50

TWO BLADES, 1 Spear and 1 Pen, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. S/228—3¾ IN.; RED AND WHITE CELLULOID HANDLE $12.00

THREE BLADES, 1 Large Clip Point, 1 Spey and 1 PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters, Shield and Lining.

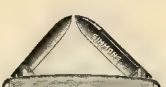
Per Dozen

No. S/318—4 IN.; STAG HANDLE $21.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Bolsters; Brass Lining.

Per Dozen

No. S/202—3 ¼ IN.; BLACK STRIPED PEARL CELLULOID HANDLE $13.50



TWO BLADES, 1 Large Spear and 1 Pen, Full Polished; Nickel Silver Tips; Brass Lining.

Per Dozen

No. S/352—3 ¾ IN.; WHITE PEARL CELLULOID HANDLE. $12.00

THREE BLADES, 1 Large Clip, 1 Spey and 1 PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters and Shield; Nickel Silver Lining

Per Dozen

No. S/314—3¾ IN.; STAG HANDLE $19.80

One-half Dozen in a Cardboard Box; Weight per Dozen about 2 lbs.

POCKET KNIVES.

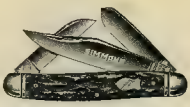
SIMMONS*

High Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND, READY FOR USE.

THREE BLADES, 1 Large Clip, 1 Spey and 1 PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/328—3⅝ IN.; STAG HANDLE $18.00



THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/321—3⅝ IN.; GENUINE STAG HANDLE. $32.40

THREE BLADES, 1 Large Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/316—3⅝ IN.; STAG HANDLE $10.80

THREE BLADES, 1 Large Clip, 1 Spey and 1 PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/330—3⅝ IN.; MOTTLED CELLULOID HANDLE..... $18.00

THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished, Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/323—4 IN.; MARBLEIZED PINK AND WHITE CELLULOID HANDLE $21.00

THREE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/324—3¼ IN.; STAG HANDLE $16.50

THREE BLADES, One Large Clip, One Spey and ONE PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/342—3⅝ IN.; STAG HANDLE $16.50

THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/322—4 IN.; STAG HANDLE $21.00

THREE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/325—3¼ IN.; MARBLEIZED BROWN AND WHITE CELLULOID $16.50

THREE BLADES, One Large Clip, One Spey and ONE PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/344—3⅝ IN.; FANCY CELLULOID HANDLE $16.50

THREE LARGE BLADES, 1 Large Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. S/312—4 IN.; PEARL CELLULOID HANDLE $21.00

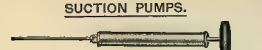
THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. S/325—3¼ IN.; BROWN, GOLD AND BLACK MOTTLED CELLULOID HANDLE. $16.50

One-half Dozen in a Cardboard Box; Weight per Dozen about 2 lbs.

SUCTION PUMPS.



Nickel Plated Brass Barrel 10 in. Long, 1⅛ in. in Diameter, Steel Plunger Rod; Black Enameled Wood Top and Handle; 7¼ in. Brass Tubing with Steel Threaded Connection to fit in bottom of Barrel.

Used to clean out Fuel Tanks of Gasoline Lamps, Lanterns and Stoves.

Each

No. 627-590—Length of Pump 13 in.; Length over all about 21 in.; Weight each about 1 lb. $2.70

Packed Loose

HAND PRESSURE PUMPS.

For use with Coleman's Portable Gasoline Lamp.

Each

No. 101-522—Highly Polished Nickel Plated Seamless Steel Tubing, ⅜ in. Diameter; Ebony Finish Wood Handle; Length over all 13½ in.; Weight each about ⅝ lb. $1.50

Packed Loose

No. 216-592—Pump Leathers for No. 101-522 Pumps $1.10

Per Dozen

Packed Loose.

FILTER FUNNELS.

SCHUYLER PATENT.

Heavy Metal Body, Copper Plated and Non-Corrosive; Fine Brass Wire Strainer Soldered in Bottom; Removable Ring Filtering Plate, covered with Special Filtering Fabric, which will not allow Water or Dirt to pass through when saturated with Gasoline.

FOR COLEMAN LAMPS AND LANTERNS.

Each

No. 6—HALF PINT; Diameter at Top 2½ in.; Height 7½ in.; Outlet ⅜ in.; Capacity per minute ½ Gallon; Weight each about 4 ozs. $0.90

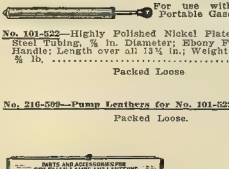
Six in a Carton, Twelve in a Shipping Container; Weight per Container about 14¾ lbs.

FOR COLEMAN STOVES AND GENERAL USE

Each

No. 1—ONE QUART; Diameter at Top 5 in.; Height 8 in.; Outlet ⅜ in.; Capacity per minute 4 Gallons; Weight each about 8 ozs. $1.80

Six in a Carton, 36 in a Container; Weight per Container about 30 lbs.



‡REPAIRS FOR COLEMAN LAMPS AND LANTERNS.

PUT UP IN PARTS SUPPLY CASE No. 19GA497.

This supply case is strong and substantially constructed of Steel, with Hinged Lid and is Black Baked Enameled Finish. Size 18½ in. Long, 11½ in. Wide, 4 in Deep.

Contains the principal and most called-for Parts for Coleman Quick-Lite and Instant-Lite Lamps and Lanterns.

Inside of Lid fitted with a Chart giving a Complete list of Contents, with Retail Prices, No. of each Part; Also Model Number of Lamps and Lanterns on which each part is used.

Each

‡No. Y—Case and Repairs; Weight each about 18 lbs. $90.00

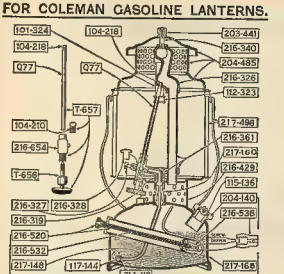
CONTENTS OF CASE:

Quantity	Parts No.	Name of Part
2	T655	Valve Stem Complete (118-653)
1	T657	Valve and Generator Complete (118-657)
6	101-524	Burner Tube
3	101-622	Pump
2	101-653	Valve Stem Complete
6	104-132	Filler Plug Air Stem
8	104-136	Filler Plug Gasket
4	104-164	Filler Plug Complete
12	104-216	Jamb Nut
12	104-218	Gas Tip (Marked "Q")
2	104-317	Burner Support Coupling
1	104-326	Mixing Chamber
3	104-341	Shade Holder Screw
2	104-468	Hanger
3	104-657	Fuel Valve Complete
12	104-805	Gas Tip Cleaning Needle
3	104-956	Wrench
12	112-323	Burner Cap and Screens
12	116-136	Filler Plug Gasket
4	117-144	Tip Protector and Screen
4	117-148	Fuel Wire Complete (Fuel Tip Marked "P")
2	117-160	Fuel Tube
4	117-341	Shade Holder Screw
1	118A257	Gas Tip Cleaner and Fuel Valve Complete Assem.
6	118B118	Fuel Tip (Marked "AB")
6	118B139	Filler Plug Gasket
2	118B144	Fuel Tip Protector and Screen
2	118B148	Fuel and Air Wire Complete (Fuel Tip Marked "AB")
12	118B218	Gas Tip (Marked "P")
4	118B324	Burner Tube
12	155-218	Gas Tip (Marked "J")
4	198-810	Fount Cleansing Tube
2	203-340	Ventilator Rod
3	203-441	Ventilator Ball Nut
2 *	203-653	Valve Stem Complete
2	203-657	Fuel Valve Complete
1	204-121	Filler Plug Cap Only
3	204-139	Filler Plug Disc, Gasket and Screw
3	204-140	Filler Plug Complete
2	204-657	Fuel Valve Complete
1	216-326	Mixing Chamber
2	216-327	Valve Set Screw
1	216-328	Valve Bracket Wedge
2	216-340	Ventilator Rod
8	216-503	Pump Leather
3	216-520	Pump Plunger Complete (Less Air Stem)
3	216-532	Air Stem
3	216-538	Check Valve
2	216-654	Valve Body
12	217-118	Fuel Tip (Marked "P")
4	217-148	Fuel Wire Complete (Fuel Tip Marked "P")
2	217-160	Fuel Nipple
2—220	B140	Filler Plug Complete
1	220B257	Gas Tip Cleaner Complete Assem.
1	220B653	Valve Stem Complete
1	220B956	Wrench
6	605-218	Jamb Nut
3	606-956	Wrench

Each Case in a Carton.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

REPAIR PARTS FOR COLEMAN GASOLINE LANTERNS.



FOR NOS. 220 AND 228 LANTERNS.

Nos.	ITEMS	Per Dozen
G77	Generator (Straight Type) (199-299)	$2.40 $ 4.85
T656	Valve Stem Complete	5.40 10.50
T657	Valve and Generator Complete	12.00 25.20
*101-324	Burner Tube	1.80 3.60
104-210	Junk Nut	.36 .75
104-218	Gas Tip	.72 1.45
104-905	Gas Tip Pick	.72 1.45
112-323	Burner Cap and Screens	1.80 3.60
112-323	Burner Cap Screen	.36 .75
115-136	Filler Plug Gasket	.36 .75
‡117-144	Tip Protector and Screen	1.08 2.15
**203-441	Ventilator Ball Nut (Small)	.72 1.45
204-140	Filler Plug Complete	5.76 11.50
‡204-473	Ball	1.44 2.90
**204-485	Ventilator (Porcelain Small)	18.00 36.00
216-319	Base Lock Nut	.54 1.10
216-324	Burner Tube	1.80 3.60
216-326	Mixing Chamber	10 80 21.60
216-327	Valve Set Screw	.36 .75
216-328	Valve Bracket Wedge	.36 .75
216-340	Ventilator Rod	.72 1.45
216-361	Air Intake Bracket	10.80 21.60
216-429	Globe Base Rest	2.16 4.35
216-504	Pump Cap	1.80 3.60
216-508	Leather Support Washer	.36 .75
216-513	Spacer Sleeve	.36 .75
216-517	Pump Plunger Handle and Tube Only	3.60 7.20
*216-441	Ventilator Ball Nut (Large)	1.08 2.15
216-509	Pump Leather	.54 1.10
216-520	Pump Plunger Complete (Less Air Stem)	7.20 14.40
270-532	Air Stem	1.80 3.60
216-538	Check Valve	1.80 3.60
216-654	Valve Body	4.32 8.65
217-118	Fuel Tip	.72 1.45
217-144	Tip Protector and Screen	.64 1.30
217-148	Feed Wire Complete	6.48 12.95
217-160	Connecting Nipple and Screen	2.88 5.75
217-165	Fount Complete	68.40 136.80
‡217-497	Frame Less Ball	10.80 21.60
**217-498	Frame and Ball	10.80 21.60
220-399	Burner, Generator and Valve Assembled	41.40 82.80
‡227-473	Ball	1.44 2.90
*227-469	Ventilator Porcelain (Large)	23.40 46.80
1228-498	Frame and Ball	10.80 21.60
302-950	Wrench	1.80 3.60
401-511	Cushion Spring	.36 .75
409-508	Hexagon Brass Nut	.36 .75
409-510	Pump Plunger Lower Washer	.36 .75

* If Wanted for Old Style Lamp Order TWO No. 101-324
** For No. 220 Lanterns Only
† For No. 228 Lanterns Only

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

BRACKET LAMPS.

COMPLETE WITH BRACKETS, FOUNTS, BURNERS, No. 2 Flat Wicks, No. 2BTS CHIMNEYS and 8 IN. SILVERED GLASS REFLECTORS WITH THUMB SCREW ADJUSTMENT.

BOSS.

Cast Iron Bracket, Made to Swing Right or Left; Height to Top of Chimney 17½ in.; Projects 13 in.; Patent "Shrunk-on" Collar; No. 2 Daisy Sun Burner, Oil Pot Capacity 1½ Pints.

Per Dozen

No. 044/C—COMPLETE with No. 42 Handled Glass Outside Filler Fount; French Bronze Bracket.....$44.55

One Dozen in a Barrel; Weight per Dozen about 85 lbs.

Per Dozen

No. 044X—Brackets only, French Bronze Finish, Without Trimmings $10.80

Six Dozen in a Case, Weight per Case about 150 lbs.

COMPLETE WITH BRACKETS, FOUNTS, BURNERS, WICKS, CHIMNEYS AND REFLECTORS.

No. 100/C.

MASCOT.

Cast Iron Bracket, FRENCH BRONZE Finish, Made to Swing Right or Left; Height to Top of Chimney 13 in.; Projects 11 in.; Fitted with No. 42 "Shrunk-on" Collar, Glass Outside Filler Fount; No. 2 Eureka Sun Burner, No. 2BTS Chimney, No. 2 Flat Wick, and 7 in. Silvered Glass Reflector; Oil Capacity 1¼ Pints.

Per Dozen

No. 100/C—COMPLETE as shown.....$36.00

No. 100X—Brackets Only, without Trimmings.....5.70

Lamps, One Dozen in a Barrel; Weight per Barrel about 75 lbs.; Brackets Packed Six Dozen in a Case; Weight per Case about 165 lbs.

WE MAKE NO CHARGE FOR PACKING.

PORTABLE GASOLINE LAMPS.

COLEMAN.

These New Coleman Lamps are equipped with the New No. 15 High-Efficiency Jumbo Size Generator that has Automatic Gas-Tip Cleaning Needle; Operated by Rotary Lever; The Large Generator Space means a long and better lighting service, greater economy, and accommodates a wider range of Fuel.

INSTANT LIGHTING.

Lights Instantly; No Preheating required; Makes and Burns its own Gas from ordinary Gasoline; Produces 200 to 300 Candle Power of Light, according to Pressure used.

This New Coleman Lamp brings Style, Beauty and Improved Lighting Service to the Home; It's just the lamp for those who want something a little "extra" in appearance.

FOUNT—Embossed Fount is attractively Finished in Indian Bronze and has Built-in Pump; Capacity 3 Pints, sufficient for 15 to 18 Hours of 300 Candle Power, Eye-protecting Radiance.

SHADE—Decorated Parchment, in Silver, Tan and Brown Colors; Diameter at Bottom 15 in.; Height 7⅛ in.; Inner Mica Globe protects Mantles from flying Insects.

Complete with Two Double Strength Mantles.

Each

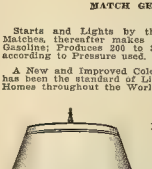
No. 132F—Height over all 20 in.; Weight each about 9 lbs. $17.40

One in a Carton.

MATCH GENERATING.

Starts and Lights by the Heat of Two Ordinary Matches, thereafter makes its own gas from ordinary Gasoline; Produces 200 to 300 Candle Power of Light according to Pressure used.

A New and Improved Coleman Quick-Lite Lamp that has been the standard of Lighting Service for Years in Homes throughout the World.



FOUNT—Embossed Fount is Attractively Finished in Silver-tone Finish; Capacity 3 Pints, sufficent for 15 to 18 Hours of 300 Candle Power, Eye-protecting Radiance.

SHADE—Decorated Parchment in Tan, Silver and Red Colors, Diameter at Bottom 15 in.; Height 7⅛ in.; Inner Mica Globe protects Mantles from flying Insects

Complete with Two Double Strength Mantles and Pump.

Each

No. 131F—Height over all 20 in.; Weight each about 6 lbs. $15.00

One in a Carton.

PORTABLE GASOLINE LAMPS.

MATCH GENERATING.

Starts and Lights by the Heat of Two Ordinary Matches, thereafter makes its own gas from ordinary Gasoline, produces 200 to 300 Candle Power of Light according to pressure used.

FOUNT—Has a new Attractive Silvertone Finish; Capacity 2 Pints, sufficient for 10 to 13 Hours of 300 Candle Power of Sight-saving Power.

Complete with Two Double Strength Mantles and Pump.

Attractive Parchment Shade 12 in. in Diameter, 7 in. High, with Black and Silver Decorations; Also Inner Mica Globe to protect Mantles from flying Insects.

Each

No. 130F—Height over all 18 in.; Weight each about 6 lbs. $12.00

The New Handy Coleman Lamp; Small in Size, big in Brilliance; Provides a Wonderful Soft White 300 Candlepower Light that is easy on the eyes; More Light than 80 Ordinary Oil Lamps; A fine light for every need about the Home.

Fitted with Three-quarter Frosted, Heat-resisting Glass Globe 7 in. in Diameter.

Each

No. 130G—Height over all 18 in.; Weight each about 6 lbs. $12.00

One in a Carton.

SHADES.

FOR COLEMAN GASOLINE LAMPS.

Extra Fine Quality; Semi-heat resisting Glass, rich in lead content; Diameter 16 in.

FOR ALL INSTANT-LITE AND QUICK-LITE LAMPS.

PLAIN—PANELED.

Per Dozen

No. 329—WHITE MONAX GLASS $22.25

No. 443—KREME-LITE (CREAM COLORED) GLASS 22.25

Six in a Carton; Weight per Dozen about 36 lbs.

FOR COLEMAN GASOLINE LAMPS.

Extra High Quality Parchment Shade 15 in. in Diameter, 8¼ in. High, Decorated in Black and Gold.

Each

No. 054—Weight each about ¼ lb. $1.65 $2.10

Three in a Carton.

GASOLINE MANTLE LANTERNS.

COLEMAN INSTANT-LITE.

The Instant-Lite Lanterns are Lighted by Turning the Valve and Touching a Lighted Match to the Mantles.

For General Use around Barns, Hen Houses, Night Fishing and other purposes. Will not Blow Out.

SPECIFICATIONS:

BURNER—New Roto-Type; New Instant Gas Design and Construction. Equipped with New Triple-Life Generator, New Automatic Gas Tip Cleaner and Air Release, New Style Shade Holder and Two No. 4I Coleman Junior Mantles.

FOUNT—Standard Nickel Finish. Highly Polished Equipped with Built-in Air Pump and Pyrex Clear Glass Globe; Fuel Capacity 2 Pints, enough for 13 to 15 Hours Service

DIMENSIONS—Height over all 14¼ in.; Diameter of Base 6 in.

Complete with Two Mantles, Wrench and Tip Pick.

Green Porcelain Enameled Top 5⅝ in. in Diameter.

Each

No. 220B—Weight each about 6 lbs. $8.25 $16.50

Green Porcelain Top 8¾ in. in Diameter, White Enameled underneath, to reflect the Light downward; This makes it especially adaptable whenever a concentrated Light is desired.

Each

No. 228B—Weight each about 7½ lbs.....$8.75 $17.85

COLEMAN INSTANT-LITE JUNIOR.

SINGLE MANTLE TYPE.

These Lanterns are Lighted by turning the valve and holding a lighted match to the mantle.

For General use around Barns, Hen Houses, for Night Fishing and other purposes; Insect-proof and Storm-proof.

Produces up to 150 Candle-Power of Pure White Light.

SPECIFICATIONS:

BURNER—Roto-type, Instant Gas Design and Construction; New Triple Life Generator; Automatic Gas Tip Cleaner and Air Release; No. 4I Junior Mantle.

FOUNT—Brass, Standard Nickel Finish; Fuel Capacity 1½ Pints, enough for 7 to 9 hours Service according to pressure used; Built-in Air Pump and Indented Hand-operated Filler Plug; Aluminum Mixing Chamber; Double Air Intake; Heavy Steel, Tinned Wire Bail.

Heavy Brass Perforated Top, Green Porcelain Enameled; Pyrex Clear Glass Globe.

Complete with Globe, Mantle and Direction Sheet.

DIMENSIONS—Height over all 11⅝ in.; Diameter Fount 5 in.; Diameter Top 4⅜ in.

Each

No. 242A—Weight each about 4 lbs.....$5.95 $12.45

One in a Carton.

GASOLINE MANTLE LANTERNS.

COLEMAN'S QUICK-LITE.

The Extra Small Generator Tube makes it possible to get sufficient Heat from Two Ordinary Matches to start Lamp.

AIR-O-LITE—GASOLINE VAPOR.

300 CANDLE POWER.

For General use around Barns and Stables and for Household Purposes; Will not Blow Out.

Full Nickel Plated; Tank or Front 18 Gage Seamless Brass; Double Gasoline Mantle Burner; Hard Fibre Shut-off Valve; Automatic Cleaning Valve prevents clogging, 10 Gauge Steel Wire Bail.

Complete with Two Rag Mantles, Pump, Wrench, Extra Generator Complete, Extra Gas Tip and Wire Cleaning Pick.

Easy to Light, Turns Low, and is extinguished by Closing Valve.

Will Burn 15 Hours with One Filling of 3 Pints of Gasoline.

Base 6½ in. in Diameter; Height with Bail Down, 13¾ in.

Heavy Brass Perforated Canopy, Metal Bound Mica Chimney 5 in. High, 6 in. in Diameter with Sliding Door.

Each

No. L427—Complete with Built-in Pump Screwed into Fount; Threaded Filler Plug with Heavily Knurled Edges and small Butterfly Wings to permit removal and replacement with the Fingers $8.95 $14.55

One in a Fibre Carton, with Directions for Operations; Weight Each about 6 lbs.

LANTERN CHIMNEYS.

PYREX GLASS; High Grade Heat-resisting Clear Glass.

Each

No. 330—For Nos. 220B and 228B Instant-lite Lanterns; Diameter 4⅝ in.; Height 5¼ in.; Weight each about 1½ lbs.....$2.10

One in a Carton.

COLEMAN.

FOR ALL QUICK-LITE AND INSTANT-LITE GASOLINE LANTERNS.

Mica, Metal Bound, Diameter 5 in.; Height 5 in.

Each

No. 32C—Weight each about ½ lb.....$1.35

One in a Cardboard Box.

INSECT SCREENS.

These Screens Protect Mantels from Flying Insects.

Brass Collar; Asbestos Covered Wire Globe 6 in. in Diameter; Center Opening 3⅜ in.

Each

No. 350A—FOR ALL INSTANT-LITE LAMPS Nos. 117A, 118A and 118A; AND QUICK-LITE LAMPS equipped with No. 117-342 Shade Holder....$1.65

One in a Carton; Weight Each about 4 ozs.

MAMMOTH HARP LAMPS.

Complete with Harps, 4 in. Tin Smoke Bells, Mammoth Size Center Draft Oil Fount, with Burners, No. 2-C Rochester Wicks, No. 3R Rochester Chimneys.

WITH 20 IN. BEADED REFLECTORS.

5/16 in. Iron Wire Lock Ring Harp, Brass or Nickel Plated Finish; ¾ in. Embossed Iron Fount Ring and Shade Crown; Embossed Brass Mammoth Fount, Capacity 1 Gallon; Length from Bottom of Fount to Top of Harp 33 in.

No. 510N—NICKEL PLATED FINISH.....Each $22.25

Loose, Weight Each about 20 lbs.; One in a Wood Box, Weight Each about 40 lbs.

GLASS SEWING LAMPS.

One Piece Clear Glass, with Glass-Collars Fitted with Threaded Brass Rings Moulded into Glass.

Height to Top of Collar 8¼ in.; No. 2 Collar.
Fount Capacity 26 ozs.

Per Dozen
No. 984S $12.50

Two Dozen in a Barrel; Weight per Barrel about 110 lbs.

GLASS LAMP ASSORTMENTS.

CONTAINS ¼ DOZEN EACH OF THE CLINCH-ON COLLAR SEWING LAMPS SHOWN BELOW; WITHOUT BURNERS OR CHIMNEYS.

No. 2 BURNERS AND CHIMNEYS FIT ALL LAMPS IN THIS ASSORTMENT. ALL No. C SIZE.

SOLD ONLY IN FULL ASSORTMENTS.

12 LAMPS Assortment will not be broken.

Fount Capacity 25 ozs.

Ruby Colored Glass Foot.	Gold Bronze Colored Foot
Height to Top of Collar 9 inches; No. 2 Collar.	Height to Top of Collar 9⅝ inches; No. 2 Collar.
No. 885/1	No. 886/2 ....

Per Assortment.
No. 98S—ASSORTMENT OF 12 LAMPS $12.00

One Assortment in Two Fibre Cartons; Weight per Assortment about 35 lbs.

SEWING.

CONTAINS ½ DOZEN EACH OF THE 2 SHRUNK-ON COLLAR LAMPS SHOWN BELOW; WITHOUT BURNERS OR CHIMNEYS.

12 LAMPS Assortment will not be broken.

Fount Capacity 25 ozs.

NON-TIPPABLE

Height to Top of Collar 8⅛ in.; No. 2 Collar.	Height to Top of Collar 8⅛ in.; No. 2 Collar.
No. 16/C—PLAIN.....	No. 17/C—COLONIAL.....

Per Assortment
No. 1617/C—ASSORTMENT OF 12 LAMPS.....$10.60

One Complete Assortment in a Barrel; Weight per Assortment about 36 lbs.

WE MAKE NO CHARGE FOR PACKING.

MANTLES.

FOR NATURAL, MANUFACTURED OR GASOLINE GAS
Especially Adapted for Gasoline Lighting Systems.

Rag Mantle, Medium Weave, with Sewed Bottom and Draw String Top; When Lying Flat, 2⅜ in. Long, 2⅜ in. Wide; Soft Mantle, Not Moulded to Shape, and can be Handled without injury until Burnt off.

GENUINE COLEMAN JUNIOR.

Per Dozen

No. 41—COTTON THREAD $2.10

No. 21—SILK-LITE; RAYON SILK 2.10

Two in a Waxed Envelope;
One Dozen in a Carton; 72 Cartons in a Display Box.
Weight per Dozen about ½ lb.

JUNIOR SIZE.

For Double Mantle Gasoline or Kerosene Pressure Portable Lamps or Lanterns.

A Fine Woven Mantle with Gathered Bottom and Draw String Top; Standard Size; When Lying Flat, 2⅜ in. Long, 2⅜ in. Wide; Soft Mantle, Not Moulded to Shape.

Per Dozen

No. 140HC—COTTON $1.20

Two in a Waxed Envelope; Six Envelopes (1 Dozen) in a Large Manila Envelope.

Per Dozen

No. 140/S—RAYON SILK $1.35

One-half Dozen in a Carton.

No. 31—RAYTEX 1.35

Two in a Waxed Envelope; One-half or One Dozen in a Carton. Weight per Dozen about ½ lb.

SENIOR SIZE.

For Single Mantle Gasoline Table Lamps or Lanterns; Especially adapted for Gasoline and Kerosene Lighting Systems.

Woven Rag Mantle, with Gathered Bottom and Draw String Top; Standard Size; When Lying Flat, 4¼ in. Long, 2½ in. Wide; Soft Mantle, not Moulded to Shape.

Per Dozen

No. 70—Weight per dozen about ⅓ lb. $2.25

One in an Oiled Envelope; One Dozen in a Large Manila Envelope.

FOR NATURAL OR ARTIFICIAL GAS.

FOR INVERTED LIGHTS.

Fits all Standard Size Inverted Gas Lights; Length 1¾ in., Width 1⅜ in.; Three Prong Magnesia Top Ring to Fasten to Mantle Holder.

Per Dozen

No. 25—Double Weave. $3.30

One-twelfth Dozen in a Carton; One Dozen in a Cardboard Box; Weight per Dozen about ¾ lb.

GENERATORS.

FOR COLEMAN LAMPS Nos. 117, 118, 119, C/331 AND MODELS B, C AND P.

FOR COLEMAN LANTERNS Nos. 220, 227, 228, 237, 427 AND 220.

Per Dozen

No. G27—Weight per dozen about ¼ lb. . $2.40 $4.80

Packed Loose.

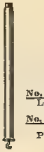
FOR COLEMAN LAMPS No. C/331, MODELS B, C AND P.

FOR COLEMAN LANTERNS Nos. 227, 237, 427 AND 220.

Per Dozen

No. G09—Weight per dozen about ⅝ lb. $4.20 $8.40

One in a Carton.



NEW TYPE.

SELF-CLEANING.

FOR COLEMAN INSTANT-LITE LAMPS AND LANTERNS.

Per Dozen

No. T44—For Lanterns Nos. 220B and 228B and Lamps Nos. 117A, 118A and 119A. . . . $4.20 $8.40

No. T66—For Lanterns No 242. . . . . 4.20 8.40

Packed Loose; Weight per Dozen about ¼ lb.

ROTARY CLEANER TYPE.

FOR ALL COLEMAN QUICK-LITE AND INSTANT-LITE LAMPS EXCEPT Nos. 117A, 118A AND 119A AND LANTERNS Nos. 220B AND 228B.

Recommended for use only where there is excessive Tip Stoppage from Carbon or other Foreign matter in gasoline.

Interchangeable for Quick-lite and Instant-lite Lamps and Lanterns.

Per Dozen

No. R35—Weight per dozen about ½ lb. $6.00 $12.00

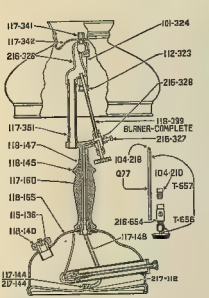
One in a Carton.

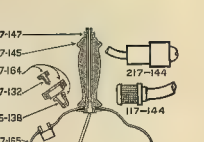
Write our Mail Order Division for Price Quotations or Information.

Send in your special lists—
Builders' Hardware—Manual Training
or any bid jobs.

We will help you take the business

REPAIR PARTS FOR COLEMAN GASOLINE LAMPS.



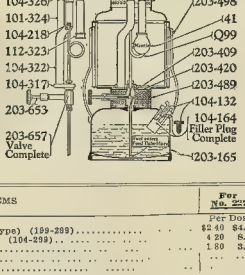


Nos.	ITEMS	For No. 117	For No. 118	For No. 119
		Per Dozen	Per Dozen	Per Dozen
		$ 2.40 $ 4.80	$ 2.40 $ 4.80	$ 2.40 $ 4.80
T-656	Valve Stem Complete (118-653)	5.40 10.80	5.40 10.80	5.40 10.80
T-657	Valve and Generator Complete (118-657)	12.80 25.20	12.80 25.20	12.80 25.20
*101-324	Burner Tube (New)	1.80 3.60	1.80 3.60	1.80 3.60
104-210	Jamb Nut	.36 .75	.36 .75	.36 .75
104-218	Gas Tip	.72 1.45	.72 1.45	.72 1.45
104-400	Hanger	1.08 2.15	1.08 2.15	1.08 2.15
104-905	Gas Tip Pick	.72 1.45	.72 1.45	.72 1.45
112-323	Burner Cap and Screens	1.80 3.60	1.80 3.60	1.80 3.60
115-136	Filler Plug Gasket	.36 .75	.36 .75	.36 .75
‡117-144	Tip Protector and Screen	1.08 2.15	1.08 2.15	1.08 2.15
117-145	Handle	4.32 8.65	....	....
117-147	Handle Lock Nut	2.16 4.35	....	....
117-148	Feed Wire Complete	6.48 12.95	6.48 12.95	6.48 12.95
117-160	Burner Support Complete	5.40 10.80	5.40 10.80	5.40 10.80
117-164	Filler Plug Complete	7.20 14.40	....	....
‡117-188	Font Complete	64.80 129.00	....	....
117-341	Shade Holder Screw	.72 1.45	.72 1.45	.72 1.45
117-342	Shade Holder	3.60 7.20	3.60 7.20	3.60 7.20
117-351	Air Intake and Bracket	10.80 21.60	10.80 21.60	10.80 21.60
118-140	Filler Plug Complete	....	5.76 11.50	....
118-145	Handle	....	4.32 8.65	....
118-147	Handle Lock Nut	....	2.16 4.35	....
118-155	Font Complete	....	90.00 180.00	90.00 180.00
118-399	Burner, Generator and Valve Assembled	41.40 82.80	41.40 82.80	41.40 82.80
118-504	Pump Cap	....	1.80 3.60	....
118-520	Pump Plunger Complete (Less Air Stem)	....	7.20 14.40	....
216-326	Mixing Chamber	10.80 21.60	10.80 21.60	10.80 21.60
216-327	Valve Set Screw	.36 .75	.36 .75	.36 .75
216-328	Valve Bracket Wedge	.36 .75	.36 .75	.36 .75
216-508	Leather Support Washer	.36 .75	.36 .75	.36 .75
216-509	Pump Leather	.54 1.10	.54 1.10	.54 1.10
216-513	Spacer Sleeve	....	.36 .75	....
216-532	Air Stem	....	1.80 3.60	....
216-538	Check Valve	....	1.80 3.60	....
216-654	Valve Body	4.32 8.65	4.32 8.65	4.32 8.65
217-118	Fuel Tip	.72 1.45	.72 1.45	.72 1.45
217-144	Tip Protector and Screen	.54 1.10	.54 1.10	.54 1.10
302-959	Wrench	1.80 3.60	1.80 3.60	1.80 3.60
401-511	Cushion Spring	....	.36 .75	....
402-503	Hexagon Brass Nut	....	.36 .75	....
402-512	Pump Plunger Lower Washer	....	.36 .75	....

* If wanted for Old Style Lamp order TWO No. 101-324.

‡ Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

REPAIR PARTS FOR COLEMAN GASOLINE LANTERNS.



Nos.	ITEMS	For No. 227	For No. 327	For No. 427	For No. 8320
		Per Doz	Per Doz	Per Doz	Per Doz
227	Generator (Straight Type) (199-293)	$2 40 $4.80	$2.40 $4.80	$2.40 $4.80	$2 40 $4.80
4166	Generator (Coil Type) (104-293)	4 20 8.40	4.20 8.40	4 20 8.40	4 20 8.40
101-824	Burner Tube	1 80 3.60	1 80 3.60	1.80 3.60	1.80 3.60
101-822	Pump	....	9.00 18.00	....	....
104-193	Filler Plug Air Stem	....	2.16 4.35	....	....
104-136	Filler Plug Gasket	....	.36 .75	....	....
104-164	Filler Plug Complete	....	7 20 14.40	....	....
104-216	Jamb Nut	.36 .75	.36 .75	.36 .75	.36 .75
104-218	Gas Tip	.72 1.45	.72 1.45	.72 1.45	.72 1.45
104-317	Burner Support Coupling	2 16 4.35	2 16 4.35	2.16 4.35	2.16 4.35
104-322	Air Intake Tube	4 32 8.65	4 32 8.65	4.32 8.65	4.32 8.65
104-323	Mixing Chamber	5.76 11.50	5.76 11.50	5.76 11.50	5.76 11.50
104-905	Gas Tip Pick	.72 1.45	.72 1.45	.72 1.45	.72 1.45
104-950	Wrench	....	1 80 3.60	....	1 80 3.60
112-324	Burner Cap and Screen	1.80 3.60	1 80 3.60	1.80 3.60	1 80 3.60
112-325	Burner Cap Screen	.36 .75	.36 .75	.36 .75	.36 .75
112-326	Filler Plug Gasket	.36 .75	....	.36 .75	.36 .75
‡ 113-164	*Filler Plug Complete*	....	....	....	7.20 14.40
203-165	Fount Complete	....	54 00 108.00	....	....
203-340	Ventilator Rod	.72 1.45	.72 1.45	.72 1.45	.72 1.45
203-370	Burner, (Less Generator and Valve)	19 44 38.90	19.44 38.90	19 44 38.90	....
203-399	Burner, Generator and Valve Assembled	....	32 40 64.80	32.40 64.80	....
203-409	Burner Frame Washer	.36 .75	.36 .75	.36 .75	.36 .75
203-420	Baffle Plate	1.80 3.60	1.80 3.60	1.80 3.60	1.80 3.60
203-441	Ventilator Ball Nut (Small)	....	.72 1.45	.72 1.45	.72 1.45
203-485	Ventilator (Nickel)	....	18 00 36.00	18.00 36.00	18 00 36.00
203-487	Globe Rest	1.80 3.60	1 80 3.60	1.80 3.60	....
203-498	Frame and Ball	....	10 80 21.60	10 80 21.60	10.80 21.60
203-853	Valve Stem Complete	3.60 7.20	3 60 7.20	3.60 7.20	3.60 7.20
203-857	Valve Complete	....	9 00 18.00	9.00 18.00	....
204-140	Filler Plug Complete	5.76 11.50	....	5 76 11.50	5.76 11.50
204-399	Generator, Burner and Valve Assembled	32.40 64.80	....	32.40 64.80	....
204-485	Ventilator (Porcelain Small)	....	....	18 00 36.00	....
204-520	Pump Plunger Complete (Less Air Stem)	....	....	7 20 14.40	....
204-530	Pump Complete	....	....	18 00 36.00	....
204-857	Valve Complete	9 00 18.00	....	9.00 18.00	....
‡ 213-468	*Globe Base Rest*	....	....	....	2.16 4.35
‡ 213-497	*Asbestos Baffle Cord*	....	....	....	1 80 3.60
‡ 213-498	*Air Filter*	....	....	....	.54 1.10
‡ 213-557	*Valve Complete*	....	....	....	10 80 21.60
‡ 213-788	*Fount Complete with Valve*	....	....	....	90.00 180.00
‡ 213-525	*Pump Plunger Complete*	....	....	....	7.20 14.40
‡ 213-574	*Pump Barrel Complete*	....	....	....	14.40 28.80
‡ 213-530	*Pump Complete*	....	....	....	25 20 50.40
‡ 213-737	*Air Stem*	....	....	....	2 88 5.75
216-165	Fount Complete	68 40 136.80	....	68 40 136.80	....
216-441	Ventilator Ball Nut (Large)	1 08 2.15	....	....	....
216-560	Pump Leather	.54 1.10	54 1.10	.54 1.10	....
216-520	Pump Plunger Complete (Less Air Stem)	7.20 14.40	....	7.20 14.40	....
216-532	Air Stem	1.80 3.60	....	1.80 3.60	....
216-535	Check Valve	1.80 3.60	....	1.80 3.60	....
227-480	Ventilator Porcelain (Large)	23 40 46.80	....	....	....
227-498	Frame and Ball	10.80 21.60	....	....	....
362-950	Wrench	1.80 3.60	....	1 80 3.60	....
469-500	Pump Leather	....	....	.54 1.10	.54 1.10
451-522	Pump, Hand, (Large)	....	....	....	16 20 32.40

‡ *Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

METAL PARLOR AND SEWING LAMPS.

NAUGATUCK.

CENTER DRAFT.

Brass Body and Base; No. 2 Miller Screw Thread Burner, with Lift Attachment for Lighting; Complete with No. 2 Vestal Wick. No. 2 Miller Chimney, 10 in. Folding Tripod and 10 in. Plain Opal Dome Shade. Height to Top of Shade 18 in.; Oil Capacity about 1 Quart.

Per Dozen

No. 30—NICKEL PLATED; Weight per dozen about 34 lbs. $108.00

One Complete Lamp in a Safe Carton.

NIGHT LAMPS.

POLLYANNA.

This Handy Night Lamp is an exact miniature of a Full Size Kerosene Lamp and is especially desirable for all night burning in Nursery, Sickroom, etc.; Also very attractive as an ornamental novelty on Buffets, End Tables, etc.

All Metal; Steel Base and Fount; Brass Burner; Will burn 9 Hours on one Filling.

HANDSOMELY FINISHED IN ASSORTED PASTEL COLORS—Green, Blue and Canary.

WITH SHADE.

Height over all 7½ in.; Cone Shade 4½ in. in Diameter.

Per Dozen

No. 1506/C—Weight per dozen about 4 lbs. $9.00

One-half Dozen Assorted Colors in a Carton.

WITHOUT SHADE.

Height over all 7½ in.

Per Dozen

No. 1500—Weight per dozen about 3½ lbs. $6.00

One-half Dozen Assorted Colors in a Carton.

NIGHT LAMP SHADES.

Brass, Handsomely Finished in Assorted Pastel Colors—Green, Blue and Canary.

Per Dozen

No. 15—Diameter 4½ in.; Height 1⅝ in.; Weight per dozen about ½ lb. $3.00

Packed Loose.

KITCHEN LAMPS.

COMPLETE WITH FRAMES, FOUNTS, No. 2 PREMO SUN BURNERS, No. 2 FLAT WICKS, No. 2STS SUN CHIMNEYS AND REFLECTORS.

Extra Heavy Tin Frame, Securely Soldered, Black Japanned; Height to Top of Chimney 13 in.; Projects 6¼ in.; Fitted with No. MP Plaster Collar; Glass Outside Filler Fount and 7 in. Corrugated Tin Reflector; Oil Capacity, 1 Pint.

Per Dozen

No. 50—COMPLETE $13.20

No. 500—Brackets only, with Reflector 2.40

Bright Iron Wire Frame; Height to Top of Chimney 13¾ in.; Projects 7 in.; Fitted with No. MP Plaster Collar, Glass Outside Filler Fount and 7 in. Corrugated Tin Reflector; Oil Capacity, 1 Pint.

Per Dozen

No. 52—COMPLETE $12.45

No. 520—Brackets only, with Reflector 2.10

Lamps, Two Dozen in a Barrel; Weight per Barrel about 70 lbs.; or One Dozen in a Wood Box; Weight per Box about 25 lbs.; Brackets Packed Loose; Weight per Dozen about 3 lbs.

WE MAKE NO CHARGE FOR PACKING.

GLASS FOUNTS.

HANDLED CRYSTAL FOUNT.

Plaster Collar and Outside Filler; For Iron Chandeliers and Bracket Lamps; Takes No. 2 Burner and Chimney; Bottom Measures 4 inches; Height to Top of Collar 4 inches.

Per Dozen

No. 42—Capacity 1½ Pints $3.00

Three Dozen in a Case; Weight per Dozen about 15½ lbs.

Plaster Collar and Outside Filler; Takes No. 2 Burner and Chimney; Bottom Measures 4¼ inches; Height to Top of Collar 3¼ inches; Fits "Mastif" or any Standard make Bracket.

Per Dozen

No. ME—Capacity 1 Pint $3.00

One Dozen in a Wood Box; Weight per Dozen about 25 lbs.

LAMP REFLECTORS.

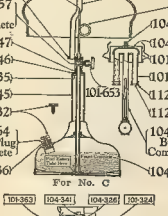
Finest Lead Flint, Double Silver Backed Glass, with Bracket Post.

Nos.	7R	8R
Diameter, Inches	7	8
Weight per Dozen about, lbs.	14	16
Per dozen	$14.40	16.50

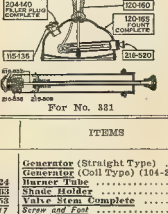
Three Dozen in a Carton.

—1332—

REPAIR PARTS FOR COLEMAN GASOLINE LAMPS.



For No. C

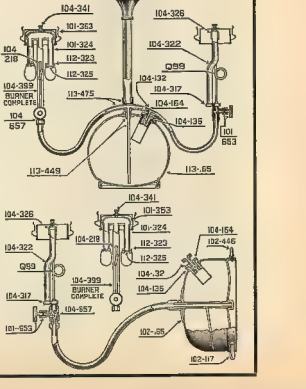


For No. 881

Nos.	ITEMS	For Model C	For No. C/331
		Per Dozen	Per Dozen
*C/45B	Handle Complete	$ 5.40 $10.80	....
Q77	Generator (Straight Type)	2.40 4.80	$2.40 $ 4.80
Q99	Generator (Coil Type) (104-399)	4.20 8.40	4.20 8.40
101-324	Burner Tube	1.80 3.60	1.80 3.60
101-363	Shade Holder	3.60 7.20	3.60 7.20
101-653	Valve Stem Complete	3.60 7.20	3.60 7.20
101-935	Metal Handle Washer	36 .75	....
101-946	Fibre Handle Washer	72 1.45	....
104-105	Finishing Shell	4.32 8.65	4.32 8.65
104-132	Filler Plug Air Stem	2.16 4.35	....
104-136	Filler Plug Gasket	36 .75	....
104-145	Fibre Handle	3.60 7.20	....
104-147	Handle Lock Nut	72 1.45	....
104-164	Filler Plug Complete	7.20 14.40	....
104-165	Fount Complete	64.80 129.60	....
104-210	Jamb Nut	36 .75	36 .75
104-218	Gas Tip	72 1.45	72 1.45
104-317	Burner Support Coupling	2.16 4.35	2.16 4.35
104-322	Air Intake Tube	4.32 8.65	4.32 8.65
104-329	Mixing Chamber	5.76 11.50	5.76 11.50
104-341	Shade Holder Screw	72 1.45	72 1.45
104-399	Burner, Generator and Valve Assembled	36.00 72.00	36.00 72.00
104-469	Hanger	1.08 2.15	1.08 2.15
104-657	Valve Complete	9.00 18.00	9.00 18.00
104-905	Gas Tip Pick	.72 1.45	.72 1.45
104-950	Wrench	1.80 3.60	1.80 3.60
112-323	Burner Cap and Screens	1.80 3.60	1.80 3.60
112-325	Burner Cap Screen	.36 .75	....
115-136	Filler Plug Gasket	....	.36 .75
‡120-145	Handle	....	4.32 8.65
‡120-147	Handle Lock Nut	....	1.80 3.60
‡120-160	Burner Support Tube with Feed Wire	....	5.40 10.80
‡120-165	Fount	....	90.00 180.00
204-140	Filler Plug Complete	....	6.76 13.50
216-509	Pump Leather	.54 1.10	.54 1.10
216-520	Pump Plunger Complete (Less Air Stem)	....	7.20 14.40
216-532	Air Stem	....	2.88 5.75
216-538	Check Valve	....	2.16 4.35
‡605-913	Alcohol Torch	....	1.80 3.60
‡605-999	Bottle and Alcohol Torch	....	2.88 5.75

*Comprises Parts Nos. 101-935, 101-946, 104-145 and 104-147.

Nos.	ITEMS	For Model B	For Model F
		Per Dozen	Per Dozen
Q77	Generator (Straight Type)	$ 2.40 $ 4.80	$ 2.40 $ 4.80
Q99	Generator (Coil Type) (104-399)	4.20 8.40	4.20 8.40
101-324	Burner Tube	1.80 3.60	1.80 3.60
101-363	Shade Holder	3.60 7.20	3.60 7.20
101-653	Valve Stem Complete	3.60 7.20	3.60 7.20
‡107-117	Screw and Foot	1.80 3.60	....
‡107-142	Stove Bolt for Foot (3/16 in. x 1/2 in. h. head)	.36 .75	....
‡102-165	Fount Complete also Arm and Connections	79.20 158.40	....
‡102-446	Hanger Ring and Nut	2.16 4.35	2.16 4.35
104-132	Filler Plug Air Stem	2.16 4.35	2.16 4.35
104-136	Filler Plug Gasket	.36 .75	.36 .75
104-164	Filler Plug Complete	7.20 14.40	7.20 14.40
104-210	Jamb Nut	.36 .75	.36 .75
104-218	Gas Tip	.72 1.45	.72 1.45
104-317	Burner Support Coupling	2.16 4.35	2.16 4.35
104-322	Air Intake Tube	4.32 8.65	4.32 8.65
104-329	Mixing Chamber	5.76 11.50	5.76 11.50
104-341	Shade Holder Screw	.72 1.45	.72 1.45
104-399	Burner, Generator and Valve Assembled	36.00 72.00	36.00 72.00
104-627	Valve Complete	9.00 18.00	9.00 18.00
104-905	Gas Tip Pick	.72 1.45	.72 1.45
104-950	Wrench	1.80 3.60	1.80 3.60
112-323	Burner Cap and Screens	1.80 3.60	1.80 3.60
112-325	Burner Cap Screen	.36 .75	.36 .75
‡112-427	Pipe Hanger Ring	....	4.32 8.65
‡112-446	Outside Casing, 16¼ in.	....	4.32 8.65
‡113-165	Fount Complete	....	90.00 180.00
‡113-442	Ornamental Shell, Upper Half	....	2.88 5.75
‡113-443	Hanger Ring	....	3.60 7.20
‡113-447	Ornamental Shell, Lower Half	....	4.32 8.65
‡112-449	Feed Wire	....	3.60 7.20
‡113-459	Ornamental Shell Complete	....	7.20 14.40
‡113-475	Arms and Feed Wire	....	43.20 86.40
216-509	Pump Leather	.54 1.10	.54 1.10



‡ Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

POCKET KNIVES.

*KEEN KUTTER**

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

FOUR BLADES, 1 Large Spear Point, 1 Pen, 1 Nail Scissor and 1 Pick Nail File, Full Polished; Nickel Silver Shield and Lining; Full Milled.

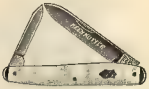
Per Dozen

No. K4843—2¾ IN.; PEARL HANDLE $144.00

TWO BLADES, 1 Large Spear Point and 1 Long Nail File, Full Polished; Nickel Silver Tips and Lining; Full Milled.

Per Dozen

No. K0153—3 IN.; PEARL HANDLE $80.00



TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Shield, Tips and Lining.

Per Dozen

No. K0239—3 IN.; PEARL HANDLE $40.50

FOUR BLADES, 1 Large Spear Point, 2 Pen and 1 Pick Nail File, Full Polished; Nickel Silver Tips and Shield; Nickel Silver Lining; Full Milled.

Per Dozen

No. K357—3½ IN.; PEARL HANDLE $120.50

FOUR BLADES, 1 Spear, Two Pens and 1 File; Full Polished; Nickel Silver Bolsters and Lining; Crest Shield.

Per Dozen

No. K4208—3¼ IN.; PEARL HANDLE $64.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Tips and Lining.

Per Dozen

No. K0337—3½ IN.; PEARL HANDLE $40.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Tips, Shield, Shackle and Lining.

Per Dozen

No. K0388/8—2⅝ IN.; PEARL HANDLE $40.50

THREE BLADES, 1 Large Spear Point, 1 Pen and 1 Pick Nail File, Full Polished; Nickel Silver Shield, Shackle and Lining; Full Milled.

Per Dozen

No. K0643—2¾ IN.; PEARL HANDLE $78.00

THREE BLADES, 1 Large Spear Point, 1 Pen and 1 Curley Nail File, Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3072—3¼ IN.; PEARL HANDLE $51.00

TWO BLADES, 1 Large Spear Point and 1 Curley Nail File, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K0883—3⅛ IN.; PEARL HANDLE $40.50

THREE BLADES, 1 Large Spear Point, 1 Pen and 1 Pick Nail File, Full Polished; Milled.

Per Dozen

No. K3037T—3 IN.; PEARL HANDLE; NICKEL SILVER SHIELD, TIPS AND LINING $78.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Tips and Lining.

Per Dozen

No. K096T—3⅝ IN.; PEARL HANDLE $49.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Tips and Lining.

Per Dozen

No. K0488—2⅝ IN.; PEARL HANDLE $36.00

One-half Dozen in a Cardboard Box; Weight per Dozen about 1½ lbs.

SCOUT POCKET KNIVES.

KEEN KUTTER*

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

SCOUT KNIFE

FOUR BLADES; 1 Large Spear Blade, 1 Can Opener, 1 Combination Screw Driver and Bottle Opener and 1 Patented Leather Punch, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining, with Steel Center Lining; Nickel Silver Shackle.

Per Dozen

No. K6559—3⅝ IN. STAG HANDLE; Weight per dozen about 3½ lbs. . . . $37.50

One-half Dozen in a Cardboard Box.

OFFICIAL BOY SCOUTS POCKET KNIVES.

OFFICIAL BOY SCOUTS OF AMERICA.

REMINGTON.

FOUR BLADES, 1 Large Spear Point, Crocus Polished One Side and Etched with Scout Insignia; 1 Combination Bottle Opener and Screw Driver; 1 Can Opener, 1 Patented Leather Punch; Polished Back; Nickel Silver Bolsters, Emblem Shield and Shackle; Nickel Silver Lining; Milled Center Scale.

REGULATION SIZE.

Per Dozen

No. RS/3333—3¾ IN.; STAG HANDLE; Weight per dozen about 2¾ lbs. $37.50

JUNIOR SIZE.

Per Dozen

No. RS/4233—3⅜ IN.; STAG HANDLE; Weight per dozen about 2 lbs. $36.00

One in a Gift Box; One-half Dozen in a Cardboard Box.

THREE BLADES, 1 Large Spear Point, 1 Combination Bottle Opener and Screw Driver and 1 Can Opener; All Blades Full Polished; Nickel Silver Bolsters, Emblem Shield, Lining and Shackle

Per Dozen

No. RS/4783—3½ IN.; STAG HANDLE; Weight per dozen about 2¼ lbs. $30.00

One in a Cellophane Covered Gift Box; One-half Dozen in a Cardboard Box.

ULSTER.

FOUR BLADES; 1 Large Spear Point, Full Polished and Etched with Official Boy Scouts Emblem; 1 Combination Bottle Opener and Screw Driver, 1 Can Opener and 1 Patented Leather Punch, Nickel Silver Bolsters, Emblem Shield, Lining and Shackle; Milled Brass Center Scale.

LARGE SIZE.

Per Dozen

No. 1502—3¾ IN.; STAG HANDLE; Weight per dozen about 2½ lbs. $37.50

JUNIOR SIZE.

Per Dozen

No. 1503—3⅜ IN.; STAG HANDLE, Weight per dozen about 3 lbs. $36.00

One in a Gift Box; One-half Dozen in an Attractive Display Carton.

POCKET KNIVES.

KEEN KUTTER

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

TWO LARGE BLADES, 1 Clip and 1 Spey, Large Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining

Per Dozen

No. K6343—4 IN.; STAG HANDLE **$30.00**

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolster, Cap and shield, Brass Lining.

Per Dozen

No. K2203—3⅛ IN.; STAG HANDLE **$30.00**

No. K2765BL.

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Polished Steel Bolster and Cap, Nickel Silver Shield; Brass Lining

EASY OPENER.

Per Dozen

No. K3765BL—3½ IN.; COCOBOLO HANDLE **$24.00**

No. K2767BL—3⅛ IN ; STAG HANDLE **24.00**

TWO LARGE BLADES, 1 Clip and 1 Spey, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K07243—3¾ IN.; STAG HANDLE **$28.50**

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. K88—3⅛ IN.; STAG HANDLE **$25.50**

TWO BLADES, 1 Clip and 1 Pen Blade; Large Blade Full Pollshed; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. K2433¾—3⅛ IN.; STAG HANDLE **$24.00**

TWO LARGE BLADES, 1 Saber Clip and 1 Spey, Large Saber Clip Full Polished; Nickel Silver Bolster, Cap and Shield; Nickel Lining.

Per Dozen

No. K2648¾—3⅞ IN.; STAG HANDLE **$31.50**

TWO BLADES, 1 Large Saber Clip Point and 1 Pen, Full Polished, Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. K683¾—3⅝ IN.; BROWN and WHITE CELLULOID HANDLE **$25.50**

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolster, Cap and Shield; Brass Lining.

Per Dozen

No. K2433—3¼ IN.; STAG HANDLE **$24.00**

TWO BLADES, 1 Large Saber Clip Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolster, Cap and Shield; Nickel Lining.

Per Dozen

No. K2648¾—3⅞ IN.; STAG HANDLE **$30.00**

TWO BLADES, 1 Large Clip Point and 1 Pen, Large Blade Full Polished; Steel Bolster and Cap; Nickel Silver Shield; Brass Lining.

Per Dozen

No. K3283¾—3¾ IN.; STAG HANDLE **$25.50**

TWO BLADES, 1 Large Sabre Clip Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining

Per Dozen

No. K683¾—3¼ IN.; STAG HANDLE **$24.00**

One-half Dozen in a Cardboard Box; Weight per Dozen about 2½ lbs.

—1419—

POCKET KNIVES.

KEEN KUTTER

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

THREE BLADES, 1 Large Clip Point, 1 Spey and 1 PATENT LEATHER PUNCH, Large Blade Full Polished, Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K73433¼—4 IN.; STAG HANDLE $36.00

THREE BLADES, 1 Spear, 1 Spey and 1 PATENT LEATHER PUNCH Large Blade Full Polished; Nickel Silver Bolsters and Lining; Crest Shield.

Per Dozen

No. K73378¼—3⅝ IN.; STAG HANDLE $30.00

THREE BLADES, 1 Large Clip, 1 Pen and 1 PATENT LEATHER PUNCH, Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K73706—3¼ IN.; STAG HANDLE $30.00

No. K73848¾.

THREE BLADES, 1 Large Spear, 1 Spey and 1 PATENT LEATHER PUNCH BLADE; Large Spear Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K73848¾—3¾ IN.; STAG HANDLE $30.00

No. K73845¾B—3¾ IN.; GRAY CELLULOID HANDLE..... 30.00

No. K73845¾D—3¼ IN ; RED CELLULOID HANDLE..... 30.00

No. K73623

THREE BLADES, 1 Large Spear Point, 1 Spey and 1 PATENT LEATHER PUNCH, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K73623—3 IN.; STAG HANDLE $30.00

No. K73625G—3 IN.; GOLD CELLULOID HANDLE 30.00

THREE BLADES, 1 Large Clip, 1 Spey and 1 PATENT LEATHER PUNCH, Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K73706¼—3¼ IN.; STAG HANDLE $30.00

THREE BLADES, 1 Large Spear, 1 Spey and 1 PATENT LEATHER PUNCH Large Spear Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K73845¼L — 3⅝ IN.; VARICOLORED BRILLIANT FINISH CELLULOID HANDLE $36.00

THREE BLADES, 1 Large Clip, 1 Large Spey and 1 PATENT LEATHER PUNCH, Large Clip Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

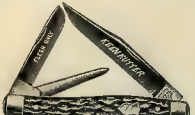
Per Dozen

No. K73733—3¼ IN.; STAG HANDLE $34.50

FOUR BLADES, 1 Large Clip, 1 Large Sheepfoot, 1 Large Spey Point and 1 Pen, Large Blade Full Polished, Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K4428—4 IN.; STAG HANDLE $42.00



THREE BLADES, 1 Large Clip, 1 Spey and PATENT LEATHER PUNCH, Large Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Silver Lining.

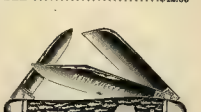
Per Dozen

No. K73828—4 IN.; STAG HANDLE $36.00

THREE BLADES; 1 Clip, 1 Spey, and 1 PATENT LEATHER PUNCH; Large Blade Full Polished; Nickel Silver Bolsters and Lining; Crest Shield.

Per Dozen

No. K73553¾—3⅝ IN.; STAG HANDLE $36.00



THREE BLADES, 1 Large Clip, 1 Large Sheepfoot and 1 Pen, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K33589—3⅝ IN.; STAG HANDLE. $40.50

One-half Dozen in a Cardboard Box; Weight per Dozen about 2 lbs.

—1417—

POCKET KNIVES.

*KEEN KUTTER**

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

TWO BLADES, 1 Large Clip Point and 1 Small Spey; Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K0185¾—3¾ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen; Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K02070M—3¾ IN.; VARICOLORED BRILLIANT FINISH CELLULOID HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen; Large Blade Full Polished; Nickel Silver Tips, Shield and Lining.

Per Dozen

No. K02235N—3 IN.; SILVEOUR FINISH CELLULOID HANDLE $24.00

TWO BLADES, 1 Large Sheepfoot Point and 1 Pen, Large Blade Full Polished; Nickel Rat Tail Bolsters and Shield; Brass Lining.

Per Dozen

No. K0575—3¾ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining

Per Dozen

No. K02071—3¾ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen; Large Blade Full Polished; Nickel Silver Tips and Shield; Nickel Lining.

Per Dozen

No. K02237—3 IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Clip Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K0831¼—3¾ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K01880A—3¼ IN.; ABALONE (BLUE) CELLULOID HANDLE $24.00

TWO BLADES, 1 Clip and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Lining; Crest Shield.

Per Dozen

No. K0197¾K—3¾ IN.; RED AND BLACK CELLULOID HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Tips and Shield; Nickel Lining.

Per Dozen

No. K0281T—3¾ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K01881—3¼ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K0198—3¾ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Spear and 1 Pen; Large Blade Full Polished; Nickel Silver Lining and Tips; Crest Shield.

Per Dozen

No. K0256—3¼ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Clip and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K03706—3¼ IN.; STAG HANDLE $24.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished.

Per Dozen

No. K0814—3 IN.; NICKEL SILVER HANDLE $22.50

One-half Dozen in a Cardboard Box; Weight per Dozen about 1½ lbs.

—1421—

POCKET KNIVES.

KEEN KUTTER

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

THREE LARGE BLADES, 1 Clip, 1 Spear and 1 Spey; Large Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K3732—3¼ IN.; GOLD COLOR CELLULOID HANDLE.....$34.50

THREE BLADES, 1 Clip, 1 Sheepfoot and 1 Pen; Large Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. K32184—3¾ IN.; STAG HANDLE $30.00

THREE BLADES, 1 Large Clip, 1 Spey and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K3709¼—3¾ IN.; STAG HANDLE $30.00

THREE LARGE BLADES, 1 Clip, 1 Spear and 1 Spey; Large Clip Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3733—3½ IN.; STAG HANDLE $34.50

THREE BLADES, 1 Large Clip, 1 Large Sheepfoot and 1 Pen; Large Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

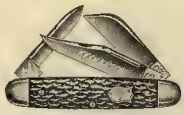
Per Dozen

No. K3218¾G — 3¾ IN.; GOLD CELLULOID HANDLE.....$30.00

THREE BLADES, 1 Large Clip, 1 Spey and 1 Pen; Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

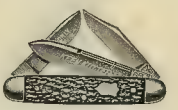
No. K7390I—3¼ IN.; GREEN AND BLACK BRILLIANT FINISH CELLULOID HANDLE.....$30.00



THREE BLADES, 1 Large Clip, 1 Large Sheepfoot Point and 1 Pen, Large Clip Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3878¾—3¾ IN.; STAG HANDLE $34.50



THREE BLADES, 1 Large Spear Point, 1 Large Clip and 1 Spey Point; Spear Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K3853—3¾ IN.; STAG HANDLE $30.00

THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3812—3¼ IN.; STAG HANDLE $30.00

THREE BLADES, 1 Large Spear, 1 Large Clip and 1 Large Spey, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K7433—3¾ IN.; STAG HANDLE $34.50

THREE BLADES, 1 Large Clip, 1 Small Spey and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K3071¼—3¾ IN.; STAG HANDLE $30.00

THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3815—3¼ IN.; BUFFALO HORN CELLULOID HANDLE $30.00

One-half Dozen in a Cardboard Box; Weight per Dozen about 2 lbs.

OFFICIAL SEASCOUTS POCKET KNIVES.

ULSTER.

TWO BLADES; One Large Sheepfoot Blade, Half Polished with Official Seascouts Emblem; One Marlin Spike on back for Splicing Rope; Nickel Silver Bolster, Cap, Emblem Shield and Shackle; Brass Lining.

Per Dozen

No. 1128—4½ IN.; STAG HANDLE; Weight per dozen about 3½ lbs. $42.00

One-half Dozen in a Carton.

OFFICIAL GIRL SCOUTS POCKET KNIVES.

REMINGTON.

OFFICIAL GIRL SCOUTS OF AMERICA.

FOUR BLADES, 1 Large Spear Point, Crocus Polished One Side and Etched with Scout Insignia; 1 Combination Bottle Opener and Screw Driver; 1 Can Opener, 1 Patented Leather Punch; Polished Back; Nickel Silver Bolsters, Emblem Shield and Shackle; Nickel Silver Lining, Milled Center Scale.

Per Dozen

No. R4372—3¾ IN.; STAG HANDLE; Weight per dozen about 2 lbs. $36.00

TWO BLADES, 1 Large Spear Point and 1 Large Spey, Crocus Polished One Side and Etched with Scout Insignia; Nickel Silver Bolsters, Emblem Shield and Shackle; Nickel Silver Lining.

Per Dozen

No. R4723—3¾ IN.; STAG HANDLE; Weight per dozen about 1½ lbs. $20.40

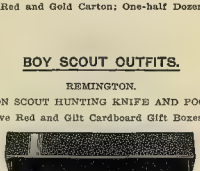
One in an Individual Red and Gold Carton; One-half Dozen in a Cardboard Box.

BOY SCOUT OUTFITS.

REMINGTON.

COMBINATION SCOUT HUNTING KNIFE AND POCKET KNIFE.

These Outfits are packaged in Attractive Red and Gilt Cardboard Gift Boxes 9⅜x3½x1⅝ in., with Hinged Cover.



Each

No. RS/195—OUTFIT; Weight each about 1 lb. $5.85

CONSISTS OF:

BOY SCOUT KNIFE No. RS/3383—3¾ in. Stag Handle; Four Blades, 1 Large Spear Point, Crocus Polished One Side and Etched with Scout Insignia; 1 Combination Bottle Opener and Screw Driver; 1 Can Opener, 1 Patented Leather Punch; Polished Back; Nickel Silver Bolsters, Emblem Shield and Shackle; Nickel Silver Lining; Milled Center Scale.

BOY SCOUT SHEATH KNIFE No. RH51—High Grade, Full Gauge, Mirror Finished Steel Blade 4 in. Long, with Nickel Silver Guard; Laminated Leather, Aluminum and Fibre Handle; Tang of Blade extends entirely through Handle and secured by Countersunk Brass Nut; Official Boy Scouts Emblem imprinted on both Blade and Leather Sheath; Length over all 8 in.; Complete with Tanned Leather Sheath with Loop and Snap Fastener.

One in a Carton.

POCKET KNIVES.

KEEN KUTTER®

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND, READY FOR USE.

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Bolsters and Lining.

Per Dozen

No. K02520—2¾ IN.; PEARL HANDLE $31.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Bolsters and Lining.

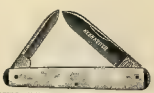
Per Dozen

No. K0209R—3 IN.; PEARL HANDLE $30.00

TWO BLADES, 1 Spear and 1 Pen; Large Blade Full Polished; Nickel Silver Bolsters and Lining.

Per Dozen

No. K0709—2¾ IN.; PEARL CELLULOID HANDLE $24.00



TWO BLADES, One Large Spear Point and One Pen; Large Blade Full Polished; Nickel Silver Tips and Lining.

Per Dozen

No. K0807—2¾ IN.; PEARL CELLULOID HANDLE $24.00

FOUR BLADES, 2 Large Sheepfoot Blades and 2 Pens, Full Polished; Nickel Silver Rat-tail Bolsters, Shield and Lining.

Per Dozen

No. K4577—3½ IN.; STAG HANDLE $30.00

FOUR BLADES, 1 Large Sheepfoot Point, 2 Pens and 1 Nail File, Large Blade Full Polished; Nickel Silver Rat Tail Bolsters and Shield; Nickel Silver Lining.

Per Dozen

No. K4527—3¼ IN.; STAG HANDLE $34.50

THREE BLADES, 1 Large Saber Clip Point; 1 Small Clip Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3316—3½ IN.; STAG HANDLE $36.00

THREE BLADES, 1 Large Clip Point, 1 Small Clip Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K3310—3½ IN.; BLACK CELLULOID HANDLE $36.00

THREE BLADES, 1 Large Sheepfoot Point, 1 Pen and 1 Nail File, Large Blade Full Polished; Nickel Silver Rat Tail Bolsters and Shield; Nickel Lining.

Per Dozen

No. K3527—3¼ IN.; STAG HANDLE $31.50

THREE BLADES, 1 Large Spear Point, 1 Pen and 1 Curley Nail File, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3307R—3 IN.; STAG HANDLE $30.00

THREE BLADES, 1 Large Clip Point and 2 Pens, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. K3683½—3½ IN.; STAG HANDLE $36.00

THREE BLADES, 1 Large Spear Point, 1 Pen and 1 Curley Nail File; Full Polished; Nickel Silver Tips, Shield and Lining.

Per Dozen

No. K341—3¼ IN.; STAG HANDLE $30.00

THREE BLADES, 1 Spear and 2 Pens; Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3076J—3¾ IN.; GREEN AND BLACK CELLULOID HANDLE $30.00

One-half Dozen in a Cardboard Box; Weight Per Dozen about 1¾ lbs.

THIS ATTRACTIVE GENUINE WALNUT

KEEN KUTTER

POCKET KNIFE MERCHANDISER.

given FREE

with the Purchase of ***KEEN KUTTER*** Pocket Knives amounting to **$150.00** or more.

The No. K300 Merchandiser is made of Natural Finish Genuine Walnut with Sloping Glass Front and name "***KEEN KUTTER***" in Bronze mounted on Top; Case is 29¾ in. Long, 11½ in. Wide and 8½ in. High at Front, 8 in. High at Back.

It is fitted with Removable Plush Covered Tray for Displaying 19 Patterns of Pocket Knives, also White Buttons for Prices; Space under Display Tray for Reserve Stock.

Per Assortment

No. K3300—***KEEN KUTTER*** Merchandiser Complete with Assortment as Below—Case FREE **$150.00**

Pocket Knife Merchandiser in a Carton; Pocket Knives Packed Separately; Weight per Assortment about 35 lbs.

We recommend the following Popular Patterns of ***KEEN KUTTER*** Pocket Knives as a Suitable Assortment—

¼ Dozen No. K3070FL
¼ Dozen No. K0198
½ Dozen No. K080T
¼ Dozen No. K01880A
½ Dozen No. K02071
¼ Dozen No. K02237
¼ Dozen No. K3218¾
¼ Dozen No. K73845¼L
⅛ Dozen No. K8464¼
¼ Dozen No. K73553¾
1/1 Dozen No. K3706¼
¼ Dozen No. K3732
⅛ Dozen No. K2410
½ Dozen No. K7WCCE
½ Dozen No. K7WCS
½ Dozen No. K50K
¼ Dozen No. K98/1B
½ Dozen No. K2423
¼ Dozen No. K2783¾

NOTE—Dealer has the privilege of selecting his own Assortment of Pocket Knives—amounting to **$150.00** or over, entitling him to one Pocket Knife Merchandiser.

POCKET KNIVES.

KEEN KUTTER®

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

THREE BLADES, 1 Spear, 1 Pen and 1 Regular Pilc; Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3070FL—3⅝ IN.; RED AND GREEN CELLULOID HANDLE $30.00

TWO BLADES, 1 Large Clip and 1 Large Spear; Large Spear Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. K0287S—3⅝ IN.; STAG HANDLE $30.00

TWO BLADES, 1 Spear and 1 Clip Point, Spear Blade Full Polished; Nickel Silver Bolsters and Shield, Brass Lining.

Per Dozen

No. K0348—3½ IN.; STAG HANDLE $24.00

One Large Stainless Steel Spear Point Blade, with Cork Screw on Back of Handle; End of Handle Specially Constructed for Lifting Caps of Crown Bottles.

Per Dozen

No. K3325O—2¾ IN.; NICKEL SILVER HANDLE.....$46.50

TWO BLADES, 1 Clip and 1 Spear; Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. K0287S¾—3⅝ IN.; STAG HANDLE $26.25

TWO BLADES, 1 Large Spear Point and 1 Pen; Large Blade Full Polished; Nickel Silver Bolster and Shield; Brass Lining.

Per Dozen

No. K0242S—3¼ IN.; STAG HANDLE $24.00

TWO LARGE BLADES, 1 Spear and 1 Clip Point; Spear Blade Full Polished; Nickel Silver Bolsters and Shield, Brass Lining.

Per Dozen

No. K0247—3⅝ IN.; STAG HANDLE $34.50

TWO BLADES, 1 Large Clip and 1 Pen, Large Blade Full Polished, Nickel Silver Bolsters and Shield, Nickel Lining.

Per Dozen

No. K0243¾—3⅝ IN.; STAG HANDLE $30.50

TWO BLADES, 1 Large Clip Point and 1 Spey; Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K0183¾K—3⅝ IN.; FANCY RED AND BLACK BRILLIANT FINISH CELLULOID HANDLE $24.00

MUSKRAT.

This Knife is specially Designed and Constructed for Skinning Muskrats; Has Two Slim Narrow Oval Back Blades, One Clip and One Wharncliffe.

TWO LARGE BLADES, Full Polished; Nickel Silver Bolsters and Lining.

Per Dozen

No. K0147¾—4 IN.; STAG HANDLE $27.00

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

Per Dozen

No. K0688—3½ IN.; STAG HANDLE $24.00

TWO LARGE BLADES, 1 Clip and 1 Spey, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

Per Dozen

No. K0370¾—3¼ IN.; STAG HANDLE $24.00

One-half Dozen in a Cardboard Box; Weight per Dozen about 1¾ lbs.

POCKET KNIVES.

KEEN KUTTER

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.

OFFICE KNIFE.

TWO LARGE BLADES, 1 Spear and 1 Eraser Point; Spear Blade Full Polished; Nickel Silver Lining.

Per Dozen

No. K62220—3¾ IN.; WHITE CELLULOID HANDLE; Etching on HANDLE $24.00

OFFICE KNIFE.

TWO LARGE BLADES, 1 Spear and 1 Eraser Point; Spear Blade Full Polished; Nickel Silver Lining.

Per Dozen

No. K62120—3¾ IN.; WHITE CELLULOID HANDLE; ETCHING ON HANDLE $22.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters and Lining

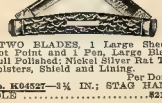
Per Dozen

No. K62078—3 IN.; STAG HANDLE $22.50

TWO BLADES, 1 Large Sheepfoot and 1 Pen, Full Polished; Nickel Silver Shield and Rat Tail Bolsters; Brass Lining.

Per Dozen

No. K0462T—3¾ IN ; STAG HANDLE $22.50



TWO BLADES, 1 Large Sheepfoot Point and 1 Pen, Large Blade Full Polished; Nickel Silver Rat Tail Bolsters, Shield and Lining.

Per Dozen

No. K0452T—3¼ IN.; STAG HANDLE $21.00

Weight per Dozen about 1¼ lbs.

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters; Nickel Lining.

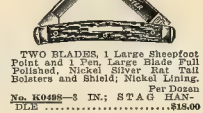
Per Dozen

No. K0797—2¾ IN.; STAG HANDLE $22.50

TWO BLADES, 1 Large Spear Point and 1 Pen, Large Blade Full Polished; Nickel Silver Tips and Lining.

Per Dozen

No. K0428—2¾ IN.; STAG HANDLE $21.00



TWO BLADES, 1 Large Sheepfoot Point and 1 Pen, Large Blade Full Polished, Nickel Silver Rat Tail Bolsters and Shield; Nickel Lining.

Per Dozen

No. K0428—3 IN.; STAG HANDLE $18.00

Weight per Dozen about 1¼ lbs.

No. K737¾.

THREE BLADES, 1 Large Clip, 1 Spey Point and 1 PATENT LEATHER PUNCH; Large Clip Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K737¾—3¾ IN.; RED AND WHITE CELLULOID HANDLE $36.00

No. K737¾A—3¾ IN.; ABALONE (BLUE) CELLULOID HANDLE 36.00

No. K738¾D—3¾ IN.; RED CELLULOID HANDLE..... 36.00

Weight per Dozen about 2 lbs.

THREE LARGE BLADES, 1 Clip, 1 Spey Point and 1 PATENT LEATHER PUNCH; Large Blade Full Polished; Nickel Silver Bolsters; Nickel Lining.

Per Dozen

No. K73477¾—3¾ IN.; WHITE CELLULOID HANDLE, Etched *KEEN KUTTER* Kattle Knife, with Steer's Head on Handle..... $36.00

THREE BLADES, 1 Large Spear, 1 Spear and 1 PATENT LEATHER PUNCH, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K73435¾—4 IN.; RED AND AMBER SEA PEARL CELLULOID HANDLE..... $38.40

THREE BLADES, 1 Large Clip, 1 Large Spey and 1 PATENT LEATHER PUNCH; Large Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Silver Lining.

Per Dozen

No. K73873¾—3¾ IN.; STAG HANDLE $36.00

THREE BLADES, 1 Large Clip, 1 Large Spey Point and 1 PATENT LEATHER PUNCH; Large Clip and Large Spear Blade Full Polished; Nickel Silver Bolster, Shield and Lining.

Per Dozen

No. K738¾—3¾ IN ; STAG HANDLE $36.00

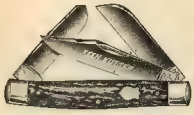
Weight per Dozen about 2 lbs.

One-half Dozen in a Carboard Box.

POCKET KNIVES.

KEEN KUTTER

Highest Grade Steel Blades, Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE, BY HAND, READY FOR USE.



THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Full Polished, Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3258—4 IN.; STAG HANDLE. $40.50

THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey; Clip Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3825H—4 IN.; PEARL CELLULOID HANDLE $30.00

THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey; Large Clip Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining.

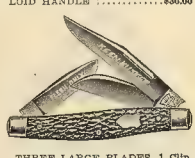
Per Dozen

No. K3433—4 IN.; STAG HANDLE $36.00

THREE LARGE BLADES, 1 Spear, 1 Sheepfoot and 1 Spey Point; Large Spear Blade Full Polished; Nickel Silver Bolsters; Nickel Lining.

Per Dozen

No. K3464¼—3⅝ IN.; WHITE CELLULOID HANDLE, Etched "KEEN KUTTER Kettle Knife" on one side and Steer's Head on other $33.40



THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Silver Lining.

Per Dozen

No. K3828—4 IN.; STAG HANDLE $36.00

THREE BLADES, 1 Large Clip Point, 1 Spey and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3433¼—4 IN.; STAG HANDLE $36.00

THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Large Blade Full Polished; Nickel Silver Bolsters and Shield; Nickel Lining

Per Dozen

No. K3825—4 IN.; BLACK CELLULOID HANDLE $36.00

THREE LARGE BLADES, 1 Clip, 1 Spey and 1 Sheepfoot, Full Polished; Nickel Silver Bolsters, Shield and Lining; Milled Back.

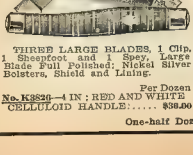
Per Dozen

No. K3458—3¼ IN.; STAG HANDLE. $36.00

THREE BLADES, 1 Long Flat Clip, 1 Sheepfoot and 1 Pen; Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

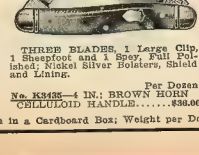
No. K3343—4 IN.; STAG HANDLE $36.00



THREE LARGE BLADES, 1 Clip, 1 Sheepfoot and 1 Spey, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

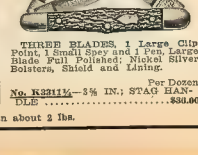
No. K3826—4 IN.; RED AND WHITE CELLULOID HANDLE: $36.00



THREE BLADES, 1 Large Clip, 1 Sheepfoot and 1 Spey, Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3435—4 IN.; BROWN HORN CELLULOID HANDLE $36.00



THREE BLADES, 1 Large Clip Point, 1 Small Spey and 1 Pen, Large Blade Full Polished; Nickel Silver Bolsters, Shield and Lining.

Per Dozen

No. K3211¼—3⅝ IN.; STAG HANDLE. $30.00

One-half Dozen in a Cardboard Box; Weight per Dozen about 2 lbs.

GOLF CLUBS.

ALEC SMITH.

These High Grade, Classy Clubs are matched as to Weight, Length and Balance; They are Special Values at a Moderate Price.

Fine, Large Persimmon Wood Heads, Polished Mahogany Finish and Varnished, with Lead Back Weights and Black Pyralin Insert Face and White and Colored Pyralin Spots as above

Seamless Drawn Steel Shafts encased in Jet Black protective Sheaths and fitted with Black Calfskin Grips and Black and White End Caps.

Head and Grip Cellophane Wrapped.

Per Set (2)

No. R604—SET OF 2 CLUBS—One each No. R600 Driver and No. R601 Brassie; Weight per set about 2½ lbs. $6.50

Per Set (3)

No. R605—SET OF 3 CLUBS—One each No. R600 Driver, No. R601 Brassie and No. R602 Spoon; Weight per set about 4½ lbs. $24.75

One Set in a Carton.

Individual or Extra Clubs for Sets Nos. R604, and R605.

	Each
No. R600—DRIVER; Yellow Spots in Face	$8.25
No. R601—BRASSIE; Blue Spots in Face	8.25
No. R602—SPOON; Red Spots in Face	8.25

Packed Loose; Weight Each about 1 lb.

ALEC SMITH.

This is an extreme Value in a Steel Shafted Set, which Consists of Five Clubs matched as to Weight, Length and Balance.

Hand Forged Heads, Heavily CHROMIUM PLATED, with Punch Scored Faces

Seamless Drawn Steel Shafts encased in Jet Black protective Sheaths and Fitted with Black Calfskin Grips and Black and White End Caps.

Head and Grip Cellophane Wrapped

IN SETS OF FIVE CLUBS.

Set Consists of Mid-Iron, Mashie, Mashie Niblick, Niblick and Putter.

Per Set (5)

No. R60—SET OF 5 CLUBS; Weight per set about 9 lbs. $37.50

One Set in a Heavy Cardboard Box.

Individual or Extra Clubs for Set No. R60.

	Each
No. R6002—Mid Iron	$7.50
No. R6003—Mashie	7.50
No. R6007—Mashie Niblick	7.50
No. R6008—Niblick	7.50
No. R6002—Putter	7.50

Packed Loose; Weight each about 1 lb.

GOLF CLUBS.

D SCOTTY GRAY.

These Smart-looking Clubs are made of High Grade Materials by Skilled Club Makers. They are Gracefully Designed, Well Constructed, Attractively Finished and Matched as to Weight Length and Balance.

Fine, Large Persimmon Wood Heads, Polished Mahogany Finish, with Aluminum Back Weights and Fancy Face with Black Pyralin Insert and White and Colored Spots.

Seamless Drawn Steel Shafts covered with Rich Mahogany Colored Protective Sheaths, with Black Sleeves and White Ferrules; The 16 in Black Calfskin Grips are topped with Attractive End Caps

Per Set (3)

No. R704—SET OF CLUBS—One each No. R700 Driver and No. R701 Brassie; Weight per set about 3½ lbs. $22.50

Per Set (3)

No. R705—SET OF 3 CLUBS—One each No. R700 Driver, No. R701 Brassie and No. R702 Spoon; Weight per set about 4½ lbs. $33.75

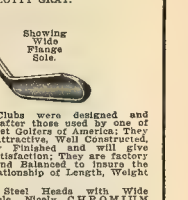
One Set in a Carton

INDIVIDUAL OR EXTRA CLUBS for Sets Nos. R704 and R705.

	Each
No. R700—DRIVER; White and Red Spots in Face	$11.25
No. R701—BRASSIE; White and Blue Spots in Face	11.25
No. R702—SPOON; White and Green Spots in Face	11.25

Packed Loose; Weight Each about 1 lb.

D SCOTTY GRAY.



These Clubs were designed and patterned after those used by one of the foremost Golfers of America; They are very attractive, Well Constructed, Beautifully Finished and will give extreme satisfaction: They are factory Matched and Balanced to insure the proper relationship of Length, Weight and Feel

Forged Steel Heads with Wide Flange Sole, Nicely CHROMIUM PLATED.

Seamless Drawn Steel Shafts covered with Mahogany Colored Protective Sheaths and Set off with White Striped Black Ferrule; The 16 in Black Calfskin Grips are topped with attractive End Caps

IN SETS OF FIVE CLUBS.

Set consists of Mid-Iron, Mashie, Mashie Niblick, Niblick and Putter.

Per Set (5)

No. R70—SET OF 5 CLUBS; Weight per set about 6¾ lbs. $45.00

One Set in a Cardboard Box.

INDIVIDUAL OR EXTRA CLUBS for Set No. R70.

	Each
No. R7002—Mid Iron	$9.00
No. R7003—Mashie	9.00
No. R7007—Mashie Niblick	9.00
No. R7008—Niblick	9.00
No. R7002—Putter	9.00

Packed Loose; Weight Each about 1 lb.

VACUUM CLEANERS.

BEE-VAC DE LUXE JUNIOR.

Quick and Thorough Cleaning, Has a Wide Range of usefulness such as cleaning overstuffed furniture, stair carpets, clothing, draperies, etc.; Also Automobile Upholstery, Billiard Tables, Office Furniture, and many other uses.

This Cleaner is provided with the Super-Efficient Birco Universal Air Cooled Motor of Finest Construction. The Powerful Suction concentrated in the narrow Nozzle opening draws out the deepest embedded dirt and grit with complete safety.

Light in Weight (4¾ lbs.), and Perfectly Balanced, which prevents wrist strain and fatigue; Guaranteed for Two Years.

A Removable, Snap-on, Double Brush loosens Stubborn Dust and Clinging Surface Litter

MOTOR—½ Horse-power Universal Air-cooled; Bronze Bearings with Dust-proof Coverings; Perfected Oiling System eliminates lubrication troubles and prolongs life of Motor.

CASE—Motor Case and Nozzle Castings Highly Polished Aluminum, Black Molded Rubber Handle of New Streamline Design; The Comfortable Grip adds to ease of operation.

SWITCH Convenient Toggle Switch at top of Motor.

DUST BAG—Special Cloth, Maroon Color, quickly attached or detached by simple Bayonet Ring; Held in position, away from operators hand by Spring Wire Support Inside of Bag; Easily emptied through large opening in bottom by sliding off Clamp.

BRUSH—Attached to back of Nozzle Opening.

Complete with 20 ft. of Standard Vacuum Cleaner Cord and Unbreakable Finger-pull Attachment Plug.

OPERATES ON 110 VOLTS DIRECT CURRENT OR ALTERNATING CURRENT 60 CYCLES OR LESS.

	Each	
No. 32/S—Weight each about 7 lbs.....	$11.95	$26.25

One in a Carton.

VACUUM CLEANER BELTS.

For Polly Prim and Bee Vac Motor Driven Brush Type Cleaners.

	Each
No. 15—Good Grade Gray Rubber.....	$0.18

Packed Loose.

CARPET SWEEPERS.

SIMMONS POLLY PRIM.*

These Light-running, Modern and Efficient Sweepers are Constructed especially for us and combine all the essential features of present-day labor saving devices.

They are Sanitary, have Full-size Genuine Bristle Brush, Rubber Bumpers with Heavy Braid all-around, to prevent marring furniture, and Anti-tipping Device that assures perfect sweeping action.

Sanitary Steel Case 11¼ in. Long, 9 in. Wide, 4 in. High. Heavy Rubber Bumpers at Corners and Braid all around; Full Size Genuine Bristle Brush, easily removed for Cleaning; Heavy Steel Ball with Threaded Handle Socket; Dump Lever on each Pan; Oil-impregnated Self-oiling Hard Maple Bearings; Disc-Type Rubber Tired Steel Wheels.

Case and Wheels Mahogany Finish; Dump Levers and Anti-tipping Device Nickel Plated; Other Metal Parts Black Enameled.

	Per Dozen
No. SP—POLLY PRIM*: Weight per dozen about 35 lbs.	$84.00

One in a Carton; One Dozen in a Corrugated Shipping Carton.

EMPIRE.

They are Sanitary, have Full-size Genuine Bristle Brush, Rubber Bumpers with Heavy Braid all-around to prevent marring furniture, and Anti-tipping Device that assures perfect sweeping action.

All Steel Construction; Mahogany Finish Case; New Style Underslung Body with Heavy Rubber Bumpers at corners and Braid all around; Full Size Genuine Bristle Brush easily removed for cleaning; Disc Type Rubber Tired Wheels; Dump Lever on each Pan; Heavy Steel Rail; Mahogany Finish Wood Handle 45¾ in. Long; Dump Levers and Anti-tipping Device Nickel Plated; Other Metal Parts Black Enameled.

	Per Dozen
No. E—Case 11¼ in. Long, 9¾ in. Wide, 3⅝ in. High; Weight per dozen about 69 lbs.	$59.85

One in a Carton.

PROMPT AND PERSONAL

ATTENTION TO ALL MAIL—EXPRESS—FREIGHT ORDERS

ELECTRIC VACUUM CLEANERS.

BEE-VAC—WITH CLEANING LIGHT.

MOTOR DRIVEN BRUSH.

This Bee-Vac Cleaner combines Terrific Suction with Vibrating Sweeping Action of the Motor Driven Brush—Three-Way Cleaning Effectiveness that whisks all Cleaning Surface Litter such as Hair, Lint, Excelsior, as well as the Harmful Nap-destroying Embedded Grit and Dirt.

MOTOR—Ball Bearing Self Lubricating Motor ¾ H.P.; Full Enclosed in Cast Aluminum Casing and Dustproof.

FAN—The Aluminum Fan operates in a Fan Chamber Specially Designed to give maximum Suction.

BRUSH — Motor Driven Brush, mounted in oil-less Bearing for Quiet Operation; Highest Grade Bristles securely anchored in Wood Core.

BAG—Chemically treated Dustproof Dirt Bag with large Top Opening for easy emptying, Slide-on Dust Clamp; Patented Automatic Valve in Bottom of Bag retains Dirt and prevents loss of Suction.

HANDLE—One piece Steel Handle 38 in. Long, with Molded Rubber Hand Grip and convenient Toggle Switch; Cast Aluminum Handle Ball Highly Polished; Complete with 20 ft. Underwriter-Approved Non-kinking Rubber Cord with Unbreakable Rubber Finger pull Plug, Improved Roller Type Handle Locking Clamp Automatically Holds Handle in various positions.

NOZZLE ADJUSTMENT — Micrometric Adjustment of Nozzle Height for most efficient Cleaning of any Type or Thickness of Rug.

CASE AND NOZZLE—Fan Chamber and Nozzle one piece heavy Aluminum; Nozzle is of the wide Flat Type. Nozzle Equipped with Furniture Guard.

AUTOMATIC CLEANING LIGHT—The light is built in the Cleaner and casts a Bright Glow on the Rug when Motor is started, disclosing the Dirt in Dark Corners and under Furniture; Fitted with Vibration Proof Lamp, enclosed in Aluminum Housing (15 Watt—120 Volt Bayonet Tungsten Bulb).

Operates on 110 Volts Alternating Current 60 Cycles or less or 110 Volts Direct Current.

STEEL PARTS CADMIUM PLATED; FULLY GUARANTEED; ALUMINUM PARTS HIGHLY POLISHED.

Each

No. L35—Nozzle 14 in. Long, 4 in. Wide with 13¾x1¾ in. Opening; Case 7 in. High; Length from Front to Rear 12½ in.; Weight each about 20 lbs.....**$70.95**

One in a Fibre Carton

ELECTRIC VACUUM CLEANERS.

BEE-VAC

WITH MOTOR DRIVEN BRUSH.

These Bee-Vac Cleaners embody all the Operating Requirements of High Quality Conventional Type Cleaners and will give Faithful Cleaning Service; They are fully Guaranteed, Approved and Endorsed by the Board of Underwriters.

No. L356

MOTOR — Ball Bearing Self-lubricating Motor ¾ H.P. fully enclosed in Cast Aluminum Casing and Dustproof.

FAN—The Aluminum Fan operates in Fan Chamber especially designed to give maximum Suction.

BRUSH — Motor Driven mounted in Oil-less Bearings for quiet Operation; Highest Grade Bristles securely Anchored in Wood Core.

BAG—Chemically treated Dustproof Dirt Bag with large Top Opening for easy emptying, Slide-on Dust Clamp; Patented Automatic Valve in Bottom of Bag retains Dirt and prevents loss of Suction.

HANDLE — One Piece Steel Handle 38 in. Long; with Convenient Trigger Switch; Positive Locking Handle Clamp

NOZZLE ADJUSTMENT—Micrometric Adjustment of Nozzle Height for most efficient Cleaning of any type or thickness of Rug; Double Wheel Construction stabilizes Cleaner and prevents tipping

CASE AND NOZZLE—Fan Chamber and Nozzle One piece Heavy Aluminum; Nozzle equipped with Furniture Guard.

Operates on 110 Volts Alternating Current, 60 Cycles or less or 110 Volts Direct Current.

ALUMINUM PARTS HIGHLY POLISHED. STEEL PARTS CADMIUM PLATED; FULLY GUARANTEED.

Nozzle 14 in. Long, 2¼ in. Wide with 13x1⅛ in. Opening; Case 7 in. High; Length from Front to Rear 12 in.

Each

No. L356—WITH AUTOMATIC CLEANING LIGHT—The Light is built in the Cleaner and Casts a Bright Glow on the Rug when Motor is started, disclosing the Dirt in Dark Corners and under Furniture; Fitted with Vibration proof Lamp, enclosed in Aluminum Housing (15 Watt—120 Volt Bayonet Tungsten Bulb), also 20 ft. of Rubber Covered Cord with Unbreakable Rubber Finger Pull Plug.....**$63.40**

No. 355—WITHOUT AUTOMATIC CLEANING LIGHT, but with 30 ft. of Cotton Covered Cord and Bakelite Plug Cap **58.40**

One in a Carton; Weight each about 17½ lbs.

ATTACHMENTS FOR VACUUM CLEANERS.

FOR BEE-VAC CLEANERS.

Per Set

No. G11—SET; Weight per set about 4 lbs....**$5.00 $12.00**

CONTAINS THE FOLLOWING:

1 8 ft. Rubber Hose.
1 Swiveled Metal Connection fastened to end of Hose for direct insertion into Machine.
1 6 in. Aluminum Nozzle
1 Brush, which snaps to Nozzle
1 Steel Connecting Tube.

Packed Loose.

ATTACHMENTS FOR VACUUM CLEANERS.

FOR BEE-VAC CLEANERS.
NEW IMPROVED DE LUXE

Per Set

No. DL52—SET, Weight per set about 4 lbs..**$8 00 $16.20**

CONTAINS THE FOLLOWING:

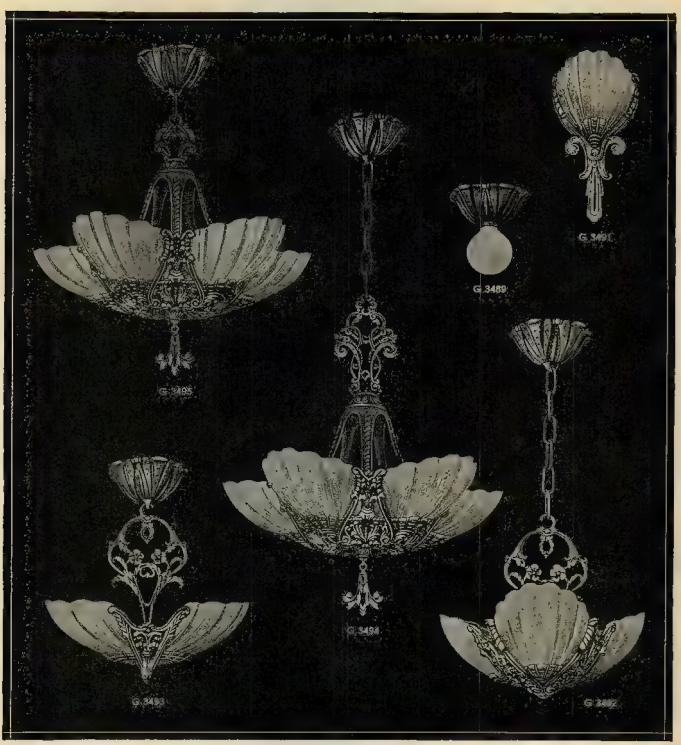
1 8 ft. Rubber Hose.
1 Swiveled Metal Connection fastened to end of Hose for direct insertion into Machine.
1 5 in. Aluminum Nozzle.
1 Brush, which snaps to Nozzle.
1 Steel Connecting Tube.
1 30 in. Extension Tube.
1 Blower Nozzle.
1 Floor Polisher.

One Set in a Carton.

ELECTRIC BULBS NOT INCLUDED.

ELECTRIC LIGHTING FIXTURES.

WIRED THROUGHOUT



THE "BRENTWOOD" SERIES.

BEAUTIFUL TONED GOLD FINISH; No. 6786 Amber Colored Glass Shades (except No. G3489); Keyless Sockets.

No. G3495—FIVE LIGHT; Length 19½ in.; Spread 18½ in.; Ceiling Plate 5 in.; Weight each about 12½ lbs.... Each $22.80

No. G3493—TWO LIGHT; Length 14 in.; Spread 12¾ in.; Ceiling Plate 5 in.; Weight each about 5 lbs..... 10.35

No. G3494—FIVE LIGHT; Length 36 in.; Spread 19½ in.; Ceiling Plate 5 in.; Weight each about 14½ lbs.... 23.55

No. G3489—ONE LIGHT; No Bulb; Length 5½ in.; Ceiling Plate 5 in., Weight each about 1½ lbs..... Each $ 2.70

No. G3491—ONE LIGHT; Length 12 in.; Extends 4 in.; Spread 8¼ in.; Toggle Switch; Weight each about 4 lbs. 5.25

No. G3492—THREE LIGHT; Length 30 in.; Spread 12⅝ in.; Ceiling Plate 5 in.; Weight each about 9¾ lbs.... 13.65

One in a Carton

ELECTRIC BULBS NOT INCLUDED.

ELECTRIC LIGHTING FIXTURES.

WIRED THROUGHOUT.

THE "NORMANDY" SERIES.

Shaded Light Fixtures of Rare Beauty of Design and Refinement. Metal Parts FINISHED OLD SILVER WITH PAINT TOUCHES OF BROWN IN THE RECESSES; No. 6745 Amber-toned Glass Shades with Clear Jeweled Terminus and Fine Clear lines that emphasize the Panels; Keyless Sockets

Each

No. G3326—THREE LIGHT; Length 30 in.; Spread 15 in., Ceiling Plate 5 in., Weight each about 9½ lbs.....**$17.10**

No. G3322—ONE LIGHT; Back Plate 6½x11½ in.; Toggle Switch, Weight each about 3½ lbs..... **6.00**

No. G3324—FIVE LIGHT; Length 42 in.; Spread 18½ in., Ceiling Plate 5 in.; Weight each about 17 lbs.....**$25.35**

No. G3323—FIVE LIGHT; Length 15 in.; Spread 18½ in., Ceiling Plate 5 in.; Weight each about 14 lbs..... **23.40**

No. G3325—TWO LIGHT; Length 12 in.; Spread 10¼ in.; Ceiling Plate 5 in.; Weight each about 6 lbs..... **9.60**

One in a Carton.

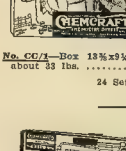
CHEMCRAFT.

CHEMISTRY OUTFITS.

This line of Chemistry Outfits embraces many New and Exclusive Improvements that serve practical purposes and increase play value.

They contain Apparatus, Chemicals, etc. for performing scientific experiments and tricks.

All are complete in a Nicely Lithographed Carton with Manual of Instructions.



The Manual of Instruction contains much interesting and useful information and a knowledge of elementary Chemistry can be obtained by performing the experiments which are explained; Set contains 30 different chemicals and pieces of apparatus, everything required for performing 134 scientific experiments and tricks; The box contains a cardboard rack from which tubes and bottles can be removed and replaced.

Per Set

No. CC/1—Box 13½x9¼x1⅝ in.; Weight per carton about 33 lbs. $2.00

24 Sets in a Carton.

This set contains 24 different chemicals and pieces of apparatus, including a separate wooden test tube rack, and more than 240 scientific experiments and tricks are explained in the manual of Instruction; Liberal quantities of all chemicals are included, and each experiment and trick can be repeated many times; This more advanced set will enable the experimenter to secure a practical knowledge of Chemistry and perform a large number of more interesting experiments; Box label lithographed in colors.

Per Set

No. CC/2—Box 17½x10¼x1⅝ in.; Weight per carton about 33 lbs. $4.00

12 Sets in a Carton.

This is a new set featuring, for the first time a removable wooden test tube rack in a popular priced outfit; The set contains 25 chemicals and pieces of apparatus including a test tube holder and everything needed to perform the 136 interesting experiments described in the complete Manual of Instructions which accompanies this set.

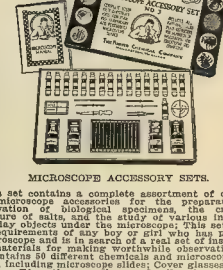
Per Set

No. CC/1½—Box 16½x9¾x1⅝ in.; Weight per carton about 35 lbs. $3.00

18 Sets in a Carton.

CHEMCRAFT.

CHEMISTRY OUTFITS.



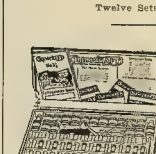
MICROSCOPE ACCESSORY SETS.

This set contains a complete assortment of chemicals and microscope accessories for the preparation and observation of biological specimens, the crystalline structure of salts, and the study of various interesting everyday objects under the microscope; This set will fill the requirements of any boy or girl who has purchased a microscope and is in search of a real set of instructions and materials for making worthwhile observations; The set contains 50 different chemicals and microscope accessories, including microscope slides; Cover glasses; Canada Balsam; Dissecting needles, and all other necessary equipment.

Per Set

No. CC/3—Box 17½x10¼x1⅝ in.; Weight per Carton about 28 lbs. $3.00

Twelve Sets in a Carton.



This set is packed in a beautiful and substantial mahogany finished wood cabinet; The inside of the lid contains chemical tables and instructive information which is constantly before the experimenter; The set contains 44 different chemicals and pieces of apparatus, including a removable wood test tube rack, and the Manual of Instruction tells how to perform more than 325 scientific experiments and tricks, many of them covering subjects of advanced Chemistry; Plenty of material is furnished so that the young Chemist can perform each experiment many times.

Per Set

No. CC/3½—Box 16⅞x8¾x2¼ in.; Weight per Carton about 25 lbs. $7.00

Six Sets in a Carton.

This is the most popular set in the entire CHEMCRAFT line; It comprises a practical chemical laboratory, and is packed in a handsome and substantial, mahogany-finished wood cabinet, which provides a place to keep all the chemicals and apparatus always in good condition; This set contains 63 chemicals and pieces of apparatus, including a large wooden test tube rack; More than 400 scientific experiments and chemical tricks are explained in the Manual of Instruction, and sufficient material is included to repeat each experiment many times; A separate Note Book is also included so the experimenter may keep notes of new experiments.

Per Set

No. CC/5—Box 19¾x10¼x2¾ in.; Weight per Carton about 34 lbs. $10.00

Six Sets in a Carton.

CHEMCRAFT.

CHEMISTRY OUTFITS.

This is a new, popular priced set designed in the famous Chemcraft Laboratory Cabinet Style: When opened the box becomes a regular laboratory with Shelves, racks and compartments for every individual chemical and piece of apparatus; A Special Composition work-board is included in each set; This set contains, in addition to the large, removable, test tube rack, two built-in racks, a chemical blowpipe and a separate Note Book: The 81 Chemicals and pieces of apparatus included in this set enables the experimenter to perform the 450 interesting and instructive experiments described in the accompanying Manual of Instructions.

Per Set

No. CC/7½—Box 19¾x9¾x3¼ in.; Weight per Carton about 32 lbs. $15.00

Four Sets in a Carton.

This set is also designed in the CHEMCRAFT Laboratory Style Cabinet, containing every convenience for the experimenter, such as a work-board, both built-in and removable wooden, test tube racks, and several unusual pieces of apparatus; This set contains 104 chemicals and pieces of apparatus for performing more than 600 scientific experiments and chemical tricks; All of which are explained in the Manual of Instruction; A separate Note Book for recording new experiments is also supplied; All necessary equipment is included and with this set the young Chemist can secure a large amount of chemical knowledge and unlimited entertainment.

Per Set

No. CC/10—Box 21x11¼x4 in.; Weight per Carton about 29 lbs. $20.00

Three Sets in a Carton.

PAINTING SETS.

MASTER CRAFT.

A new departure in Painting and Drawing Sets featuring a reversible easel, one side for regular painting and crayoning, and the other side a blackboard for chalk drawing and coloring; Outfit containing an assortment of water color paints; crayons, White and colored chalk; Black outlines for coloring picture; curve and angle; water pans; brush and eraser; Packed in substantial wood frame tray, each contained in cardboard box.

Per Set

No. MC/820—Box 18x11¾x1 in.; Weight per Carton about 52 lbs. $2.00

24 Sets in a Carton.

Exclusive Unit Tray Construction with advantages desired by all purchasers; a one-piece tray, moulded into shape, water-proof and practically indestructible, with compartments to hold every part of the set; Provides a place for everything, prevents paints from coming out of the box, is stronger and preserves the set in good condition for a longer time.

CHEMCRAFT.

PAINTING SETS.

TABLE-EASEL COLORING SET.

A sensational value consisting of a complete coloring outfit in bench or table form with reversible easel for painting and crayoning, and the other side a blackboard for chalk drawing and coloring; Table stands 20 in. high, is 20 in. Long, 12½ in wide, with a depth of 2¼ in.; When the easel is placed flat in the central compartment a child's desk is formed; The table is attractively finished in dark oak and contains a fine assortment of water color paints; crayons, white and colored chalk; Black outlines for coloring; Picture, curve and angle; Porcelain mixing cups; Brush and eraser. The table is shipped knocked down, the legs being attached by means of two bolts in each, which are furnished; Each set is packed in a box.

Per Set

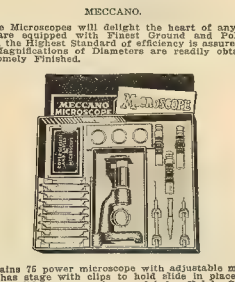
No. MC/530—Box 20½x13x2½ in.; Weight per carton about 39 lbs. $4.00

Six Sets in a Carton.

MICROSCOPES.

MECCANO.

These Microscopes will delight the heart of any boy; They are equipped with Finest Ground and Polished Lenses, the Highest Standard of efficiency is assured and High Magnifications of Diameters are readily obtained; Handsomely Finished.



Contains 75 power microscope with adjustable mirror; Scope has stage with clips to hold slide in place. Set contains slides, cover glasses, labels, Xylol, Canada Balsam, Haematoxylin; Also pipette, tweezers, dissecting needle and instruction folder.

Per Dozen

No. M2—Size carton 10x8½x2¾ in., Weight per dozen about 28 lbs. $12.00

Six in a Carton

COLT'S AUTOMATIC PISTOLS.

The Action of these Pistols is Automatic, except that the Trigger is Pulled for Firing each Shot. The Arm can be Discharged at the rate of Five Shots per second, the Cartridges being Automatically Supplied from a Detachable Magazine Inserted in the Handle of the Pistol. After the Pistol is Charged with a Filled Magazine, One Opening Movement is made by Hand, Bringing the First Cartridge into the Chamber. On Pulling the Trigger the Cartridge is fired, the Empty Shell is extracted, a new Cartridge is Loaded into the Chamber, all these operations taking place Automatically without any Manipulation of the Arm. This Automatic Operation of the Pistol is effected by the Recoil of the Moving Parts, and as a Consequence, the Recoil is Absorbed in Being Utilized that it has not the usual Disturbing Effect.

BLUED; 7 SHOTS; 5 IN. BARREL; Checkered Walnut Stocks; Length over all 8½ in.

Each

No. 0435G—.45 CALIBER GOVERNMENT MODEL; Adopted by the United States Government; Shoots .45 Caliber Colt's Automatic Rimless Smokeless Center Fire Cartridges with Metal Patched Bullets; Weight each about 39 ozs. $88.00

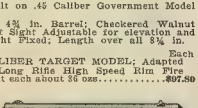
COLT'S ACE.

A .22 Caliber Built on .45 Caliber Government Model Frame.

Blued; 10 Shots; 4¾ in. Barrel; Checkered Walnut Stocks; Rear Target Sight Adjustable for elevation and windage; Front Sight Fixed; Length over all 8¾ in.

Each

No. 0225/45—.22 CALIBER TARGET MODEL; Adapted For .22 Caliber Long Rifle High Speed Rim Fire Cartridges; Weight each about 36 ozs. $37.50



POCKET MODEL; 32 CALIBER; 8 SHOTS.

Each

No. 0323¾AA—BLUED, 3¾ in. Barrel; Length over all 7 in.; Shoots 32 Caliber Colt's Automatic Rimless, Smokeless Center Fire Cartridges; Capacity of Magazine, 8 Shots; Checkered Wood Stocks; Weight each about 23 ozs. $49.00

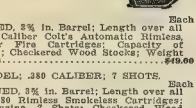
POCKET MODEL; .380 CALIBER; 7 SHOTS.

Each

No. 0380¾AA—BLUED, 3¾ in. Barrel; Length over all 6¾ in.; Shoots .380 Rimless Smokeless Cartridges; Capacity of Magazine, 7 Shots; Checkered Wood Stocks, Weight 23 ozs. $49.00

Per Pair

Pearl Stocks $11.25



POCKET MODEL; 25 CALIBER; 6 SHOTS.

Fitted With Safety Device to Prevent Accidental Discharge

Length over all 4½ in.; Shoots 25 Caliber Rimless, Smokeless Center Fire Cartridges; Capacity of Magazine 6 Shots; Checkered Wood Stock; Weight each 12 ozs.

Each

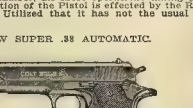
No. 0252AA—BLUED; 2 in. Barrel $40.80

Per Pair

Pearl Stocks $7.05

One in a Cardboard Box.

NEW SUPER .38 AUTOMATIC.



FOR .38 CALIBER COLT'S AUTOMATIC FULL PATCH CARTRIDGES.

9 SHOTS.

Closely Modeled after the famous Government Model Colt .45 Automatic built on the .45 Caliber Frame and embodies every outstanding feature of that model. Also has the distinct advantage of the Powerful .38 Caliber Cartridge with a Velocity of 1190 ft. per second.

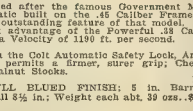
Equipped with the Colt Automatic Safety Lock, Arched Housing which permits a firmer, surer grip; Checked Trigger and Walnut Stocks.

Each

No. 0385AA—FULL BLUED FINISH; 5 in. Barrel, Length over all 8½ in.; Weight each abt. 39 ozs. . $88.00

One in a Cardboard Box.

THE WOODSMAN.



TARGET MODEL; 22 CALIBER; 10 SHOTS.

Shoots 22 Long Rifle Rim Fire, (Greased Cartridges Only) either Lesmok, Semi-Smokeless or Smokeless; Greaseless Cartridges may be used provided Shells are slightly lubricated; Capacity of Magazine 10 Shots; Checkered English Walnut Stock; Bead Front Sight, Adjustable for Elevation; Rear Sight with Adjusting Screw, adjustable for Windage.

FULL BLUED.

Each

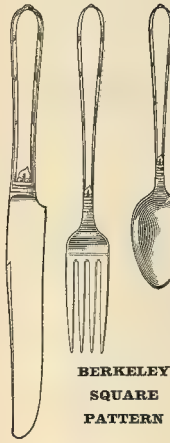
No. 0224½AT—4½ IN. BARREL; Length over all 8½ in.; Distance between Sights 7 in.; Weight each about 25 ozs. $78.30

No. 0226½AT—6½ IN. BARREL; Length over all 10½ in.; Distance between Sights 9 in.; Weight each about 28 ozs. 78.30

One in a Cardboard Box.

Equipped with a Safety Lock, Positively Locking Hammer and Slide, also acts as an Indicator showing whether or not the Pistol is Cocked; The Magazine is Provided with a Thumb Grip or Pin which Projects on the Right Side, enabling the Operator to Compress or Relieve the Tension on the Magazine Spring to Facilitate Loading the Magazine.

COMMUNITY PLATE FLATWARE.



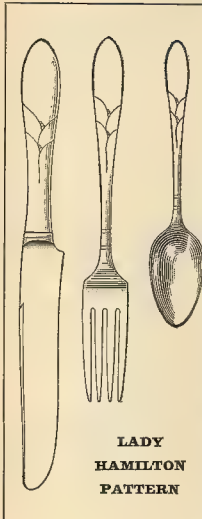
BERKELEY SQUARE PATTERN

Nos.	Items	Quantity in Box	Piece by Piece Consumer's Prices		List Prices
	SPOONS.		Per Set		
18602	Tea	*6	$ 3.75	$ 4.50	$ 6.75
18603	Dessert or Oval Bowl Soup	6	7.50	9.00	13.50
18607	Table	6	7.50	9.00	13.50
18604	Soup (Round Bowl)	6	7.50	9.00	13.50
18618	Cream Soup	*6	5.75	6.90	10.35
18622	After Dinner Coffee	*6	3.50	4.20	6.30
18601	5 O'Clock Tea or Sherbet	*6	3.50	4.20	6.30
18632	Bouillon or Consomme	*6	5.00	6.00	9.00
18629	Iced Drink	6	5.00	6.00	9.00
18641	Orange or Grapefruit	*6	5.00	6.00	9.00
			Each		
18620	Large Berry or Serving	1	2.00	2.40	3.60
18650	Sugar	1	1.00	1.20	1.80
	FORKS.		Per Set		
18630	Grills	6	7.50	9.00	13.50
18607	Dinner	6	7.50	9.00	13.50
18601	Dessert or Entree	6	7.50	9.00	13.50
18670	Cocktail or Oyster	*6	5.00	6.00	9.00
18688	Salad or Pastry	*6	5.75	6.90	10.35
18632	Ice Cream or Sherbet	*6	5.75	6.90	10.35
			Each		
18607	Cold Meat or Serving	1	2.00	2.40	3.60
18646	Pickle or Olive	1	1.00	1.20	1.80
	KNIVES (DeLuxe Stainless Blades),		Per Set		
18581	Grille, Hollow Handle	6	12.75	15.30	22.95
18685	Dinner, Hollow Handle	6	12.75	15.30	22.95
18637	Dessert, Luncheon or Breakfast, Hollow Handle	6	12.75	15.30	22.95
18592	Dinner, Modeled Handle	6	9.25	11.10	16.65
18564	Salad or Tea, Hollow Handle	6	9.50	11.40	17.10
18764	Fruit, Hollow Handle	6	9.50	11.40	17.10
	MISCELLANEOUS				
18697	Ind. Butter or Cheese Knives	*6	5.75	6.90	10.35
18737	Butter and Sugar Set	set	2.00	2.40	3.60
			Each		
18815	Cheese Server, Flat	1	1.50	1.80	2.70
18895	Butter Knife	1	1.00	1.20	1.80
18708	Sugar Tongs	*1	1.75	2.10	3.15
18633	Small Server (Jelly Server)	*1	1.75	2.10	3.15
18483	Pastry Server, Pierced	1	2.75	3.30	4.95
18900	Round Server, Pierced	1	2.00	2.40	3.60
18710	Pie or Ice Cream Server (Hollow Handle)	1	3.00	3.60	5.40

*In DeLuxe Gift Box.

Nos.	Items	Piece by Piece Consumer's Price	List Prices	
	KNIFE AND FORK SETS (DeLuxe Stainless Knives and Forks) (In Cameo Gift Case)	Per Set	Per Set	Per Set
18807	6 Grille Knives, Hollow Handle and 6 Forks..... 12 in box	$20.25	$24.30	$36.45
18557	6 Dinner Knives, Hollow Handle and 6 Forks..... 12 in box	20.25	24.30	36.45
18520	6 Dessert or Breakfast Knives, H. H. and 6 Forks ... 12 in box	20.25	24.30	36.45
18505	6 Dinner Knives, Modeled Handle and 6 Forks..... 12 in box	16.75	20.10	30.15
	LADLES	Each	Each	Each
18717	Serving or Gravy..... 1 in box	2.00	2.40	3.60
	CARVERS (DeLuxe Stainless Blades)	Per Set	Per Set	Per Set
18720	Double Service (3-piece Set) 9-in. Hollow Handle Knife, 7-in. Hollow Handle Knife and Hollow Handle Fork...set in box	18.00	21.60	32.40
18725	Large (3-piece Set) H. H. Knife, Fork and Steel.....set in box	17.00	20.40	30.60
18726	Steak (3-piece Set) Hollow Handle with 5-inch Blade...set in box	6.00	7.20	10.80
18730	Game (2-piece Set) Hollow Handle with 7-inch Blade...set in box	10.00	12.00	18.00
		Per Pair	Per Pair	Per Pair
18680	Game Shears (Plated Blade)..... 1 in box	10.00	12.00	18.00

COMMUNITY PLATE FLATWARE.



LADY HAMILTON PATTERN

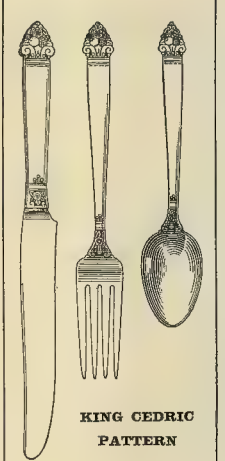
Nos.	Items	Quantity in Box	Piece by Piece Consumer's Prices	List Prices
	SPOONS.		Per Set	
17602	Tea	*6	$ 3.75	$ 4.50 $ 6.75
17603	Dessert or Oval Bowl Soup	6	7.50	9.00 13.50
17605	Table	6	7.50	9.00 13.50
17604	Soup (Round Bowl)	6	7.50	9.00 13.50
17618	Cream Soup	*6	5.75	6.90 10.35
17625	After Dinner Coffee	*6	3.50	4.20 6.30
17601	5 O'Clock Tea or Sherbet	*6	3.50	4.20 6.30
17622	Bouillon or Consomme	*6	5.00	6.00 9.00
17629	Iced Drink	6	5.00	6.00 9.00
17641	Orange or Grapefruit	*6	5.00	6.00 9.00
			Each	
17620	Large Berry or Serving	1	2.00	2.40 3.60
17650	Sugar	1	1.00	1.20 1.80
	FORKS.		Per Set	
17650	Grille	6	7.50	9.00 13.50
17607	Dinner	6	7.50	9.00 13.50
17605	Dessert or Entree	6	7.50	9.00 13.50
17670	Cocktail or Oyster	*6	5.00	6.00 9.00
17639	Salad or Pastry	*6	5.75	6.90 10.35
17632	Ice Cream or Sherbet	*6	5.75	6.90 10.35
			Each	
17607	Cold Meat or Serving	1	2.00	2.40 3.60
17646	Pickle or Olive	1	1.00	1.20 1.80
	KNIVES (DeLuxe Stainless Blades).		Per Set	
17631	Grille, Hollow Handle	6	12 75	15 30 22.95
17605	Dinner, Hollow Handle	6	12.75	15.30 22.95
17627	Dessert, Luncheon or Breakfast, Hollow Handle	6	12.75	15.30 22.95
17609	Dinner, Modeled Handle	6	9.25	11.10 16.65
17631	Salad or Tea, Hollow Handle	6	9.50	11.40 17.10
17704	Fruit, Hollow Handle	6	9 50	11 40 17.10
17694	Salad or Tea, Modeled Handle	6	7.00	8.40 12.60
17698	Fruit, Modeled Handle	6	7.00	8 40 12.60
	MISCELLANEOUS			
17697	Ind. Butter or Cheese Knives	*6	5.75	6.90 10.35
17729	Butter and Sugar Set	set	2.00	2.40 3.60
			Each	
17695	Butter Knife	1	1.00	1.20 1.80
17703	Sugar Tongs	*1	1.75	2.10 3.15
17623	Small Server (Jelly Server)	*1	1.75	2.10 3.15
17484	Pastry Server, Pierced	1	2.75	3.30 4.95
17690	Round Server, Pierced	1	2.00	2.40 3.60
17710	Pie or Ice Cream Server (Hollow Handle)	1	3.00	3.60 5.40

*In DeLuxe Gift Box.

Nos.	Items	Piece by Piece Consumer's Price	List Prices	
	KNIFE AND FORK SETS (DeLuxe Stainless Knives and Forks) (In Cameo Gift Case)	Per Set	Per Set	Per Set
17807	6 Grille Knives, Hollow Handle and 6 Forks 12 in box	$20 25	$24 30	$36.45
17557	6 Dinner Knives, Hollow Handle and 6 Forks 12 in box	20.25	24.30	36.45
17554	6 Dessert or Breakfast Knives, H. H. and 6 Forks 12 in box	20.25	24.30	36.45
17626	6 Dinner Knives, Modeled Handle and 6 Forks 12 in box	16.75	20.10	30.15
	LADLES	Each	Each	Each
17717	Serving or Gravy 1 in box	2.00	2.40	3.60
17721	Medium Soup or Serving 1 in box	8.00	9.60	14.40
	CARVERS (DeLuxe Stainless Blades)	Per Set	Per Set	Per Set
17720	Double Service (3-piece Set) 9-in. Hollow Handle Knife, 7-in. Hollow Handle Knife and Hollow Handle Fork...set in box	18.00	21.60	32.40
17725	Large (3-piece Set) H. H. Knife, Fork and Steel set in box	17.00	20.40	30.60
17726	Steak (2-piece Set) Hollow Handle with 8-inch Blade...set in box	6.00	7.20	10.80
17736	Game (2-piece Set) Hollow Handle with 7-inch Blade...set in box	10.00	12.00	18.00
		Per Pair	Per Pair	Per Pair
17689	Game Shears (Plated Blade) 1 in box	10.00	12.00	18.00
	BABY AND CHILD ITEMS	Per Set	Per Set	Per Set
17738	Baby Set (Bent Spoon and Straight Fork) set in box	1.50	1.80	2.70
17566	Baby Set (Straight Spoon and Straight Fork) set in box	1.50	1.80	2.70
17737	Child's Set (Spoon, Fork and Modeled Handle DeLuxe Stainless Knife) set in box	2.50	3.00	4.50
17735	Child's Set (Spoon, Fork and Hollow Handle DeLuxe Stainless Knife) set in box	3.00	3.60	5.40
		Each	Each	Each
17619	Baby Spoon Set (Bent Handle) 1 in box	.75	.90	1.35
17624	Baby Spoon Set (Straight Handle) 1 in box	.75	.90	1.35
17625	Baby Fork Set (Straight Handle) 1 in box	.75	.90	1.35

—1497—

COMMUNITY PLATE FLATWARE.



Nos.	Items	Quantity in Box	Piece by Piece Consumer's Prices	List Prices
	SPOONS.		Per Set	
19002	Tea	*6	$ 3.75	$ 4.50 $ 6.75
19003	Dessert or Oval Bowl Soup	6	7.50	9.00 13.50
19004	Table	6	7.50	9.00 13.50
19004	Soup (Round Bowl)	6	7.50	9.00 13.50
19018	Cream Soup	*6	5.75	6.90 10.35
19025	After Dinner Coffee	*6	3.50	4.20 6.30
19001	5 O'Clock Tea or Sherbet	*6	3.80	4.20 6.30
19022	Bouillon or Consomme	*6	5.00	6.00 9.00
19029	Iced Drink	6	5.00	6.00 9.00
19041	Orange or Grapefruit	*6	5.00	6.00 9.00
			Each	
19020	Large Berry or Serving	1	2.00	2.40 3.60
19050	Sugar	1	1.00	1 20 1.80
	FORKS.		Per Set	
19030	Grille	6	7.50	9.00 13.50
19007	Dinner	6	7.50	9.00 13.50
19008	Dessert or Entree	6	7.50	9.00 13.50
19079	Cocktail or Oyster	*6	5.00	6.00 9.00
19058	Salad or Pastry	*6	5.75	6.90 10.35
19022	Ice Cream or Sherbet	*6	5.75	6.90 10.35
			Each	
19037	Cold Meat or Serving	1	2.00	2.40 3.60
19046	Pickle or Olive	1	1.00	1.20 1.80
	KNIVES (DeLuxe Stainless Blades).		Per Set	
19561	Grille, Hollow Handle	6	12 75	15.30 22.95
19565	Dinner, Hollow Handle	6	12.75	15.30 22.95
19557	Dessert, Luncheon or Breakfast, Hollow Handle	6	12.75	15.30 22.95
19502	Dinner, Modeled Handle	6	9.25	11.10 16.65
19501	Salad or Tea, Hollow Handle	6	9.50	11.40 17.10
19704	Fruit, Hollow Handle	6	9.50	11.40 17.10
19698	Fruit, Modeled Handle	6	7.00	8.40 12.60
	MISCELLANEOUS			
19697	Ind. Butter or Cheese Knives	*6	5.75	6.90 10.35
19729	Butter and Sugar Set	set	2.00	2.40 3.60
			Each	
19005	Butter Knife	1	1.00	1.20 1.80
19703	Sugar Tongs	*1	1.75	2 10 3.15
19023	Small Server (Jelly Server)	*1	1.75	2 10 3.15
19484	Pastry Server, Pierced	1	2.75	3.30 4.95
19699	Round Server, Pierced	1	2.00	2.40 3.60
19716	Pie or Ice Cream Server (Hollow Handle)	1	3.00	3.60 5.40

*In DeLuxe Gift Box.

Nos.	Items	Piece by Piece Consumer's Price	List Prices	
	KNIFE AND FORK SETS (DeLuxe Stainless Knives and Forks) (In Canvas Gift Case)	Per Set	Per Set	Per Set
19807	6 Grille Knives, Hollow Handle and 6 Forks, 12 in box	$20.25	$24.30	$30.45
19557	6 Dinner Knives, Hollow Handle and 6 Forks, 12 in box	20.25	24.30	30.45
19559	6 Dessert or Breakfast Knives, H. H. and 6 Forks, 12 in box	20.25	24.30	30.45
19502	6 Dinner Knives, Modeled Handle and 6 Forks, 12 in box	16.75	20.10	30.15
	LADLES	Each	Each	Each
19717	Serving or Gravy, 1 in box	2.60	2.40	3.60
	CARVERS (DeLuxe Stainless Blades)			
19729	Double Service (2-piece Set) 9-in. Hollow Handle Knife, 7-in. Hollow Handle Knife and Hollow Handle Fork...set in box	Per Set 18.00	Per Set 21.60	Per Set 32.40
19725	Large (2-piece Set) H. H. Knife, Fork and Steel...set in box	17.00	20.40	30.60
19728	Steak (2-piece Set) Hollow Handle with 5-inch Blade...set in box	6.00	7.20	10.80
19730	Game (2-piece Set) Hollow Handle with 7-inch Blade...set in box	10.00	12.00	18.00
19089	Game Shears (Plated Blade), 1 in box	Per Pair 10.00	Per Pair 12.00	Per Pair 18.00
	BABY AND CHILD ITEMS	Per Set	Per Set	Per Set
19728	Baby Set (Bent Spoon and Straight Fork)...set in box	1.50	1.80	2.70
19568	Baby Set (Straight Spoon and Straight Fork)...set in box	1.50	1.80	2.70
19737	Child's Set (Spoon, Fork and Modeled Handle DeLuxe Stainless Knife)...set in box	2.50	3.00	4.50
19735	Child's Set (Spoon, Fork and Hollow Handle DeLuxe Stainless Knife)...set in box	3.00	3.60	5.40
		Each	Each	Each
19019	Baby Spoon Set (Bent Handle), 1 in box	.75	.90	1.35
19024	Baby Spoon Set (Straight Handle), 1 in box	.75	.90	1.35
19028	Baby Fork Set (Straight Handle), 1 in box	.75	.90	1.35

ELECTRIC BULBS NOT INCLUDED.

ELECTRIC LIGHTING FIXTURES.

WIRED THROUGHOUT.

CRYSTAL FIXTURES.

These Beautiful Prism Style Fixtures are very Attractive; All Metal Parts are BRUSH SILVER AND BLACK FINISH.

Each

No. G3499—THREE LIGHT; Length 21½ in.; Diameter of Ornamental Band 14 in.; Ceiling Plate 5 in.; Fitted with 188 Crystal Prisms and 1¾ in. Cut Crystal Ball; Weight each about 13 lbs. $32.20

No. G3497—ONE LIGHT; Length 10½ in.; Diameter at Top 8¼ in.; Fitted with 80 Crystal Prisms and 1½ in. Cut Crystal Ball; Weight each about 5½ lbs. 22.65

Each

No. G3500—THREE LIGHT; Length 42 in.; Diameter of Ornamental Band 14 in.; Ceiling Plate 5 in.; Fitted with 188 Crystal Prisms and 1¾ in. Cut Crystal Ball; Weight each about 14 lbs. $55.80

No. G3498—ONE LIGHT; Length 5½ in.; Diameter at Top 6¼ in.; Fitted with 33 Crystal Prisms; Weight each about 2¾ lbs. 10.50

No. G3501—ONE LIGHT; Back Plate 4½x7 in.; Extends 4⅜ in.; 6 Crystal Prisms, Controlled by Toggle Switch; Weight each about 1½ lbs. 9.45

One in a Carton.

SINGLE SHOT RIFLES.

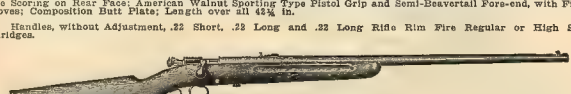
WINCHESTER—BOLT ACTION.

These Rifles offer remarkable value and quality of construction in low-priced Single Shot Bolt Action Rifles. They handle modern High Power 22's and Regular Ammunition very effectively.

POSITIVE SAFETY FEATURES—Rifle cannot be cocked or fired until the Bolt Handle is entirely closed and the firing pin cannot strike cartridge until trigger is pulled.

Round Tapered Blued Barrel 27 in. Long, Crowned at Muzzle and Winchester Proof-marked; CHROMIUM PLATED BOLT, BOLT HANDLE, SAFETY LOCK AND TRIGGER; Firing Pin Head Knurled on Rim with Non-glare Scoring on Rear Face; American Walnut Sporting Type Pistol Grip and Semi-Beavertail Fore-end, with Finger Grooves; Composition Butt Plate; Length over all 42¾ in.

Handles, without Adjustment, .22 Short, .22 Long and .22 Long Rifle Rim Fire Regular or High Speed Cartridges.

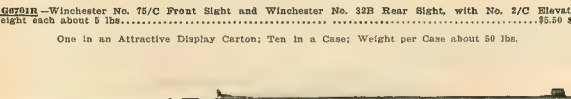


MODEL 67.

BOLT ACTION—TAKE DOWN.

	Each	Per Dozen
No. G6701R—Winchester No. 75/C Front Sight and Winchester No. 32B Rear Sight, with No. 2/C Elevator; Weight each about 5 lbs.	$5.50	$13.20

One in an Attractive Display Carton; Ten in a Case; Weight per Case about 50 lbs.



MODEL 68.

BOLT ACTION—TAKE-DOWN.

	Each	Per Dozen
No. G6801R—With Winchester No. 97A Bead Front Sight and Ramp Sight Base equipped with Detachable Sight Cover; Winchester No. 96A Peep Rear Sight with Elevation and Windage Adjustment; Weight each about 5 lbs.	$6.35	$15.30

One in an Attractive Display Carton; Ten in a Case; Weight per Case about 50 lbs.

LIQUID PISTOLS.

DAISY REPEATING WATER PISTOLS.

Designed after the latest model "Police Special" Revolvers; Water Chamber is filled by pulling back Cylinder Rod under barrel; This Operation pushes hammer back and permits firing first shot; Four additional shots can be fired by pulling back hammer and pulling trigger

Shoots 5 times without reloading and throws a stream of water about 25 ft.

Heavy Gauge Gun Steel, Blued Finish; No Rubber Bulb to get out of order.

	Per Dozen
No. 80—Length 7¼ in.; Weight each about ½ lb.	$6.00

Six Dozen in a Case; Weight per Case about 34 lbs.

PISTOL AND HOLSTER SET.

DAISY.

BUZZ BARTON.

This Set consists of a Five-shot Liquid Pistol (Our No. 80) and a Tan All Leather Holster and Belt with Bright Steel Buckle.

The Pistol is designed after the latest Model "Police Special" Revolver and is 7¼ in. Long. The Holster is 8¼ in. Long, 5 in. Wide with Belt 1 in. Wide, 29 in. Long.

	Per Dozen
No. 200—Weight per dozen about 9 lbs.	$12.00

Packed Loose.

SINGLE SHOT RIFLES.

WINCHESTER

WINCHESTER BOLT ACTION.

A Safe and Dependable Rifle recommended for Junior Rifle Corps, Boy Scout and Camp use.

Designed and Chambered especially for .22 Long Rifle Rim Fire Cartridges but can be used with entire satisfaction and safety with either .22 Short or .22 Long Rim Fire Cartridges.

MODEL 60A—SOLID FRAME, TARGET.

Round Tapered Blued Barrel 27 in. Long, Winchester Proof-marked; CHROMIUM PLATED BOLT, BOLT HANDLE AND TRIGGER; American Walnut, Target Type, Pistol Grip Stock and Specially Designed Beavertail Fore-end, Waxed Finish; Checkered Steel Butt Plate, Winchester No. 52A Square Top Patridge Type Front Sight; Lyman No. 55W Receiver Peep Sight, Adjustable for both Windage and Elevation for all ranges up to 200 Yards.

Shoots .22 Short, .22 Long and .22 Long Rifle Rim Fire Cartridges.

	Each
‡No. 6004—Length over all 42 in.; Weight each about 6½ lbs.	$10.50 $25.20

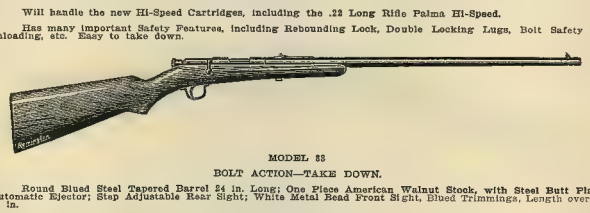
One in an attractive Display Carton, Ten in a Case; Weight per Case about 80 lbs.

REMINGTON.

This is a Sturdily Constructed Bolt Action Single Shot Rifle that will appeal to all because of improvements that make it the safest Rifle of its type; Its evident quality, design and appearance make it a leader in the 22 Caliber Bolt Action Class.

Will handle the new Hi-Speed Cartridges, including the .22 Long Rifle Palma Hi-Speed.

Has many important Safety Features, including Rebounding Lock, Double Locking Lugs, Bolt Safety for unloading, etc. Easy to take down.



MODEL 33

BOLT ACTION—TAKE DOWN.

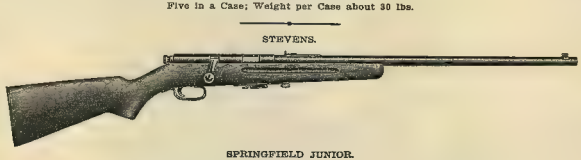
Round Blued Steel Tapered Barrel 24 in. Long; One Piece American Walnut Stock, with Steel Butt Plate; Automatic Ejector; Step Adjustable Rear Sight; White Metal Bead Front Sight, Blued Trimmings, Length over all 42 in.

Shoots .22 Short, .22 Long and .22 Long Rifle Cartridges without Adjustment.

	Each
No. 33—Weight each about 4½ lbs.	$5.50 $13.20

Five in a Case; Weight per Case about 30 lbs.

STEVENS.



SPRINGFIELD JUNIOR.

MODEL 53

BOLT ACTION—TAKE-DOWN.

A Low Price Good Quality Rifle that shoots .22 Short, .22 Long and .22 Long Rifle Regular or High Speed Cartridges without adjustment.

Round Blued Steel Tapered Barrel 24 in. Long, with Crowned Muzzle; Full Size, Full Pistol Grip, Oval Military Style, Walnut Finish Stock and Fore-arm, with Finger Grooves; Steel Butt Plate; Large Take-down Screw, Bead Front and Sporting Rear Sights; Bolt Action with Safety Firing Pin prevents accidental discharge; CHROMIUM PLATED BOLT AND TRIGGER; Length over all 42 in.

	Each
No. 53R—Weight each about 4½ lbs.	$12.30

Ten in a Case; Weight per Case about 60 lbs.

‡ *Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

—1973—

FISHER-PRICE TOYS.

These Toys were developed by one who has studied toys and put into their appearance the charm of shape, expression and color that wins instant response from children.

They are well constructed of Wood and Metal, Beautifully Lithographed in many gay colors.

Finish—Bright 4-Color Photo-lithography and Brilliant Harmless Lacquer.

PUSHY PUSH TOYS.

Each Toy Equipped with 18 in. Push Stick.

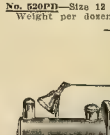
PUSHY DRUMMER.

An action push toy with separately operated mechanical snare-drum action and noise. Pull the ring and Drummer beats a real rapid-fire snare-drum roll—either when standing still or when marching along; For, when pushed, Drummer races along, legs swinging in military strides.

Per Dozen

No. 620PD—Size 12 in. High, 9 in. Long, 5 in. Wide; Weight per dozen about 20 lbs.....$30.00

PUSHY PAT.



At the slightest push, Pat's arm tugs vigorously at his nickel-plated bell to swing it 'way around, ringing a loud ding-ding; Pat, the wide-awake engineer, is decked out with overalls, cap, bandanna and lantern; The combination of bell and engine appeals to all ages up to five years; Brightly painted and made of solid Wood.

Per Dozen

No. 515PP—Size 7½ in. High, 11 in. Long, 4¼ in. Wide; Weight per dozen about 25 lbs.....$24.00

PUSHY ELEPHANT.

Pushy Elephant beats cymbals together in another brand new original action; He will lead any youngsters, parade, enthroned on his tub, cymbals on his front legs beating together with a happy clang-clang; Leading Toy Departments recommend our push toys for youngsters beginning to walk; These toys support the Child and the action ahead is easily seen.

Per Dozen

No. 525PE—Size 9¼ in. High, 9¼ in. Long, 4½ in. Wide; Weight per dozen about 23 lbs.....$24.00

PUSHY PIGGY.

Pushy Piggy and his hobby horse run to market to bring you profit; His legs gallop, his arms swing and his concealed pig voice squeaks, while hobby's head bobs excitedly at every step; A favorite for young walkers who love his Pig Squeal vigorous action and bright colors.

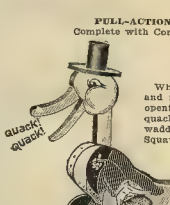
Per Dozen

No. 500PE—Size 11½ in. High, 8¾ in. Long, 4½ in. Wide; Weight per dozen about 20 lbs.....$24.00

One in a Carton; One Dozen in a Case.

PULL-ACTION TOYS.

Complete with Cord and Ball.



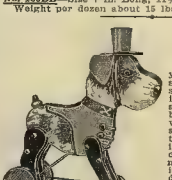
DOCTOR DOODLE.

When drawn along, the head and neck rises and falls, bill opening and closing, "quack-quacking" all the time; Has a waddling action; Concealed Squawker.

Per Dozen

No. 100DD—Size 7 in. Long, 11½ in. High, 4 in. Wide; Weight per dozen about 15 lbs.....$24.00

BARKY BUDDY.



Barky Buddy obeys youngsters' command; He scampers away at the slightest pull, legs pumping fast, head tilting up and concealed voice barking a loud staccato woof-woof; Easy action and loud voice guaranteed; There's real playism in Puppy's expression, his colorful soldier coat and military hat; This toy dog is just the pet youngsters deserve.

Per Dozen

No. 150DB—Size 11¼ in. High, 11 in. Long, 4 in. Wide; Weight per dozen about 18 lbs.....$24.00

ROAD ROLLER.

Road Roller with Bear engineer, toot-toots over roughest construction jobs; At every turn of the wheels, the engineer leans back pulling the whistle lever (concealed whistle voice); Rough play won't tip this sturdy Wood Road Roller with Thick Wheels and Wide Wheelbase; This pull toy fits into the imaginative floor play of youngsters up to five years old.

Per Dozen

No. 152RR—Size 6 in. High, 8½ in. Long, 5½ in. Wide; Weight per dozen about 24 lbs.....$24.00

SKIPPER SAM.

A boat load of real action; The faster he's pulled, the faster he rows; Just as natural as can be—body bends forward, arms reach out and then he leans back with a big pull on the oars; Hard work, of course, and he grunts with every stroke (concealed voice); In imaginative play, Skipper Sam rows boat loads of small blocks across make-believe streams

Per Dozen

No. 155/SS—Size 7⅝ in. High; 10⅝ in. Long, 6 in. Wide. Each Oar 7½ in. Long; Weight per dozen about 18 lbs.....$24.00

One in a Carton; One Dozen in a Case.

FISHER-PRICE TOYS.

WALKY-BALKY—BACKUP TOYS.

These are the only Motor-Driven, Mechanical Wood Toys that walk—and they walk forward and back-up, not automatically but at unforeseen times, like a live conscious animal.

They are constructed of smooth Finished Wood, Beautifully Lithographed in many Colors; Propelled by a Faultless Motor; Each Toy has a personality of its own; An absolutely different action principle.

GO 'N' BACK JUMBO.

Per Dozen

No. 800JB—Size 9 in. Long, 7⅝ in. High, 3¼ in. Wide; Weight per dozen about 18 lbs. $36.00

GO 'N' BACK MULE.

Per Dozen

No. 800M—Size 9 in. Long, 10 in. High, 3¼ in. Wide; Weight per dozen about 17½ lbs. $36.00

One in a Gayly Colored Corrugated Box;
One Dozen in a Carton.

DANCING TOYS.

The Only Toys that Actually Dance.

They don't stand still and jiggle—or shake all over in an out-of-date shimmy; These Smart Hoofers tap dance, pivot, pirouette, buck and wing, clog. They Step Out High, Wide and Handsome.

Snappy Costumes, Strong Motors and, above all, clever action are the exciting features of these original novelties; The Guaranteed Motor is the same sturdy type as in our Bak-up Toys and produces a variety of dance steps that seem to be all the toy's own idea.

Hand Painted Faces; Colorful Well Made Costumes.

HOT DIGGETY.

Hot Diggety comes straight from the Southland, dressed in colorful darky clothes, with the most original and amusing variety of dance steps ever seen in a toy; Winding key part of motor crank and can't come off.

Per Dozen

No. 800HD—Height over all 6⅝ in.; Weight per dozen about 8½ lbs. $16.50

HOT MAMMY.

Hot Mammy, with fancy frills and colors—and an original new dance every time she's wound; This ever-renewing novelty is a unique amusement and selling feature.

Per Dozen

No. 810HM—Height over all 6¾ in.; Weight per dozen about 8¼ lbs. $16.50

One in a Carton; Two Dozen Assorted in a Case.

KINGSBURY TOYS.

FIRE CHIEF SIREN.

An entirely new type of toy that when pushed along the floor or ground operates a loud and piercing Siren; Every child will want it—and the Price makes it possible.

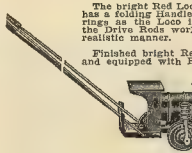
Equipped with 28 in. Folding Handle and Rubber Tires; Finish Red and Gold.

Per Dozen

No. 160—Weight per dozen about 9 lbs. $6.00

Six in a Carton; Six Dozen in a Case.

PUSH-LOCO.



The bright Red Loco is 5¼ in. Long and has a folding Handle 28 in. Long; A Gong rings as the Loco is pushed along, and the Drive Rods work up and down in a realistic manner.

Finished bright Red, decorated in Gold and equipped with Rubber Tires.

Per Dozen

No. 165—Weight per dozen about 8½ lbs. $6.00

Six in a Carton; Six Dozen in a Case.

RUBBER BALLS.

MILLER.

Highest Quality; Beautifully Marbleized High Gloss Finish; Air Filled; For Nursery and Ordinary use.

Nos.	8205	8305	8505	8605	8705
Size, inches	2¾	3½	5	6	7
Weight dozen abt., lbs.	2¾	4½	8	12½	18
Dozen in a Carton	1	1	½	⅓	⅓
Per dozen	$2.25	3.00	6.00	9.00	12.00

Simmons Mail Order Service
- - Includes - -
NO POSTAGE ENVELOPES,
Mail Order Tabs, Free.

Our Salesman will keep you supplied with these or write us for a supply.

GOLF OUTFITS.

PATHFINDER MATCHED WOODS.

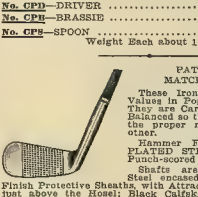
These Clubs are Carefully and Accurately Matched, so that each Club is perfectly related to the other in feel, weight and length.

Heads are Rich Dark Mahogany Finish, with Plain Cross Hatched Faces and Metal Sole Plates.

Seamless Drawn Steel Shafts are encased in Light Walnut Finish Protective Sheaths, with Bright Colored Ferrule at Lower End; Black Calfskin Wound Tapered Grip.

	Each
No. CP1—DRIVER	$8.85
No. CP2—BRASSIE	8.85
No. CP3—SPOON	8.85

Weight Each about 1 lb.



PATHFINDER MATCHED IRONS.

These Irons are Outstanding Values in Popular Priced Clubs; They are Carefully Matched and Balanced so that each Club bears the proper relationship to the other.

Hammer Forged CHROMIUM PLATED STEEL HEADS, with Punch-scored Faces.

Shafts are Seamless Drawn Steel encased in Light Walnut Finish Protective Sheaths, with Attractive Colored Collar just above the Hosel; Black Calfskin Wound Tapered Grip.

	Each
No. CP1—DRIVING IRON	$7.65
No. CP2—MID IRON	7.65
No. CP3—MID MASHIE	7.65
No. CP4—MASHIE IRON	7.65
No. CP5—MASHIE	7.65
No. CP6—SPADE MASHIE	7.65
No. CP7—MASHIE NIBLICK	7.65
No. CP8—NIBLICK	7.65
No. CP9—PUTTER	7.65

Packed Loose; Weight Each about 1 lb.

GOLF OUTFITS.

These Outfits are Ideal for the beginner and consist of Four Clubs—One each Combination Brassie or Driver, Mid Iron, Mashie and Putter and a Good Quality Stayed Bag; Leatherette Trimmed with Hoodless Fastener on Ball Pocket; Seamless Alumo Metal Cup Bottom.

HICKORY SHAFTS.

5 in. Tan Whipcord Bag, Brown Leatherette Trimmed.

Brassie has Persimmon Wood Head, Polished Mahogany Finish, Plain Face; Irons have Chromium Plated Steel Heads with Wilson "Aim-rite" Scoring.

Shafts are Good Grade Hickory, with Specially Prepared Smooth Leather Grips.

	Per Set (4)
No. CS/01—SET OF 4	$12.00

STEEL SHAFTS.

5 in Gray Duck Bag, Mahogany Color Leatherette Trimmed.

Brassie has Persimmon Wood Head, Polished Mahogany Finish, Plain Face, Irons have Chromium Plated Steel Heads with Punched Dot Scoring.

Shafts are Steel, covered with Jet Black Protective Sheaths; Specially Prepared Smooth Leather Grips.

	Per Set (4)
No. CS/03—SET OF 4	$27.00

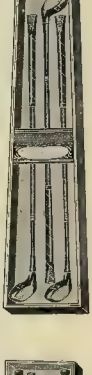
One Set in a Bag; Weight per Set about 5¼ lbs.

‡GOLF CLUBS.

DENNY SHUTE WORLD TROPHY.

These Clubs are Designed and Endorsed by the 1933 British Open Champion, Denny Shute, and are Perfect in every Detail.

They have Semi-Hy-Power Steel Shafts with Light Walnut Finish Protective Sheaths and Black Calfskin Grips flattened on One Side at top to fit against Palm of left hand to prevent Club from turning in the hand; Club Identification Numbers are stamped into the Sole-plate and Moulded in the Black and White Button at Top of Grip.



MATCHED WOODS.

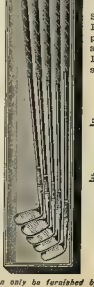
Dark Walnut Finished Persimmon Wood Heads, with Plain Cross Hatched Faces and Metal Butterfly Sole Plates; Shafts have Long Black Sleeve at Lower End; All Whipping is eliminated by Special Collars.

IN SETS.

	Per Set (3)
‡No. 7138—SET OF 3 CLUBS—One Each Driver, Brassie and Spoon; Weight per set about 4½ lbs.	$37.50

	Per Set (4)
‡No. 7144—SET OF 4 CLUBS—One Each Driver, Brassie, Spoon and No. 4 Special Spoon; Weight per set about 5⅝ lbs.	$60.00

One Set in a Cardboard Box.



MATCHED IRONS.

BRIGHT CHROMIUM PLATED STEEL HEADS, with Punch Scored Faces; New Bevel Sole Plate Feature puts the weight properly back of Blade and adds power to the Shot; No-Shock Ferrule just above the Hosel prevents sting and wrist fatigue

IN SETS.

	Per Set (5)
‡No. 7150—SET OF 5 CLUBS—One Each Mid Iron, Mashie, Mashie Niblick, Niblick and Putter; Weight per set about 6¾ lbs.	$96.00

	Per Set (9)
‡No. 7190—SET OF 9 CLUBS—One Each Driving Iron, Mid Iron, Mid Mashie, Mashie Iron, Mashie, Spade Mashie, Mashie Niblick, Niblick and Putter; Weight per set about 10 lbs.	$172.50

One Set in a Cardboard Box.

‡ *Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.*

GOLF BALLS.

WORLD TROPHY.

These Balls are numbered for identification—Three of each Number (1, 2, 3 and 4) in a Cellophane Covered Individual Cardboard Tray.

This is one of the New Thin Cover Balls made for extra Distance and Accurate Putting and is especially desirable for those who want to improve their Golf.

They are well constructed throughout of the Finest Material obtainable for the purpose and thoroughly tested for performance and dependability.

Official U. S. G. A. Size and Weight.

Per Dozen

No. WT75—NEW THIN COVER; DIMPLE MARKING $18.00

Three in a Tray; One Dozen in an Attractive Carton; Weight per Dozen about 1¾ lbs.

TOMMY ARMOUR SPECIAL.

This ball is recommended for low handicap and hard-hitting players who want to get maximum results from their skill and effort.

Patented Center with Special New Type Winding for distance and accuracy; Durable Armor Plate Tough Cover.

Per Dozen

No. TA75—Official U. S. G. A. Size and Weight; DIMPLE MARKING $18.00

One Dozen in an Attractive Carton; Weight per Dozen about 1¼ lbs.

TOMMY ARMOUR.

Combines distance, durability and accuracy in a way that gives most satisfactory results to most Golfers.

Patented Center, Specially wound for distance and accuracy and covered with Extra Tough Cover.

Colored Dots for easy identification.

Per Dozen

No. TA50—Official U. S. G. A. Size and Weight; DIMPLE MARKING $12.00

A. J. REACH, WRIGHT & DITSON.

PARAMOUNT.

A High-grade Ball for the discriminating Golfer; Carefully and Accurately constructed and will come up to the expectations of any player.

Per Dozen

No. 152—MESH MARKING; Diameter 1.62 in.; Weight 1.62 ozs. $12.00

One Dozen in a Cardboard Box.

GOLF BALLS.

WILSON.

These Balls are numbered for Identification—Three of each number (1, 2, 3 and 4) in an Individual Cardboard Tray, each Tray wrapped in Cellophane.

FARRELL "75"

This New Ball takes its place in the front rank of Better Golf Balls The Super-Compression Winding and New Thin Cover give it Super-distance Qualities; The Careful Inner Construction assures accurate even flight and perfect controllability.

Official U. S. G. A. Size and Weight.

Per Dozen

No. JF75—NEW THIN COVER; DIMPLE MARKING $18.00

FARRELL "50"

These Golf Balls have the added durability coupled with quality performance that spells true economy for the Golfer; Also has a Built-in accuracy and splendid distance that assures perfect controllability in flight on the Green.

Official U. S. G. A. Size and Weight

Per Dozen

No. JF50—DIMPLE MARKING $12.00

SARAZEN "50"

The Super-Compression makes for extremely fast get-away and plenty of distance; Perfect construction assures flight control and accuracy on the Green; The extra durable cover keeps it in perfect playing condition for a great number of ho[illegible]

Official U. S. G. A. Size and Weight.

Per Dozen

No. GS/50—DIMPLE MARKING $12.00

WALKER CUP.

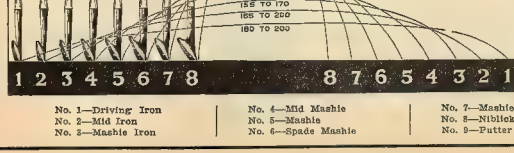
A Sturdy, Reliable Ball for rough use, with quality built-in from core to cover; It is accurate in performance with plenty of Distance.

Official U. S. G. A. Size and Weight.

Per Dozen

No. WC/35—DIMPLE MARKING $7.35

Three in a Tray, One Dozen in an Attractive Carton; Weight per Dozen about 1¼ lbs.



Showing how the Angle of the various Clubs affects the Loft and Distance of Ball.

No. 1—Driving Iron
No. 2—Mid Iron
No. 3—Mashie Iron
No. 4—Mid Mashie
No. 5—Mashie
No. 6—Spade Mashie
No. 7—Mashie Niblick
No. 8—Niblick
No. 9—Putter (Not Shown)

HAND SAW ASSORTMENTS.

KEYSTONE (Made by Disston).

The Keystone Line was developed to meet the demand for a good Utility Product to sell at a Popular Price; They are made by Disston and are etched with the name "Disston".

Per Assortment

No. DKA—ASSORTMENT OF TWELVE HAND SAWS and Advertising Material as below; Weight per assortment about 23½ lbs.....**$31.05**

One Assortment in a Carton.

CONSISTS OF THE FOLLOWING:

1 No. K1—LEADER—Cross Cut; Straight Back; Natural Finish Wood Handle; 3 Screws; Length 26 in.; 8 Point.

1 No. K2—SPEEDSTER—Cross Cut; Skew Back; Natural Finish Weatherproof Wood Handle; 4 Screws; Length 26 in.; 8 Point.

4 No. K3—PACE MAKER—Cross Cut; Skew Back; Mahogany Color Carved Wood Handle, Weatherproof Finish; 4 Screws; Length 26 in.; 8 Point.

2 No. K3—PACE MAKER—Cross Cut; Skew Back; Mahogany Color Carved Wood Handle, Weatherproof Finish; 4 Screws; Length 20 in.; 9 Point.

1 No. K4—AIR MASTER—Cross Cut; A Nicely Finished Skew Back Pattern; Thin Back, Teeth Bevel Filed; Mahogany Color Full Carved Wood Handle, Weatherproof Finish; 4 Screws; Length 26 in.; 8 Point.

1 No. K5—DEFENDER—Cross Cut; Skew Back; Finely Made, Extra High Finish; Thin Back, Teeth Bevel Filed; Gun Metal Weatherproof Finish Carved Wood Handle; 4 Screws; Length 26 in.; 8 Point.

2 No. K6—CHALLENGER—Cross Cut; Skew Back; Taper Ground; Extra High Finish; Teeth Bevel Filed; Mahogany Color, Full Carved Weatherproof Finish Handle; 5 Screws; Length 26 in.; 8 and 9 Point.

1 DISPLAY RACK—Substantial Wood Stand, with Legs slotted to hold Five 26 in. Saws on each side; Attractive Sign Card 22x7⅞ in.

ALSO—

Price Tags on all Saws.
Dealer Instruction Sheet.
Keystone Consumer Price Card.
Disston Consumer Price Card.

FLOORING SAWS.

*KEEN KUTTER**

Can be used for many purposes for which a Regular Straight Cutting Edge Saw cannot be used, such as Cutting through Flooring and Siding without Boring, for making Cut-outs, for Splicing Sills or Joists, etc. Also useful as a Housing Saw for Carpenters, Millwrights and Ship Carpenters.

The Cutting Edge on Back is for Squaring Cut-out Corners, etc.

Highest Grade Crucible Spring Steel Blade, Full Polished and Etched; Fancy Carved and Varnished Applewood Handle; Nickel Plated Steel Screw and Tightening Lever; Handle Adjustable to Different Angles; Greatest Width of Blade 4½ in.; 10 Teeth to the inch.

Per Dozen

No. KFS—*KEEN KUTTER**: Length of Blade 18 in.; Weight per dozen about 18 lbs.....**$7.50**

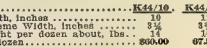
One-twelfth Dozen in a Cardboard Box.

BACK SAWS.

*KEEN KUTTER**

Highest Grade Crucible Steel, Polished Blade; Teeth Set and Filed; Blued Steel Back; Hardwood Handle, Weather-proof Finish; Two Nickel Plated Screws, in 10 in. sizes; Three Nickel Plated Screws, in 12, 14 and 16 in. sizes.

Nos.	K44/10.	K44/12	K44/14
Length, inches	10	12	14
Extreme Width, inches	3¼	3¾	4⅛
Weight per dozen about, lbs.	14	16	20
Per dozen	$50.00	67.50	75.00

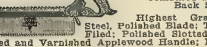


Adjustable and Reversible Combined Panel and Back Saw.

Highest Grade Crucible Steel, Polished Blade; Teeth Set and Filed; Polished Slotted Steel Back; Carved and Varnished Applewood Handle; Nickel Plated Screw and Tightening Lever.

No.	K07/14
Length, inches	14
Width of Blade, inches	2¾
Weight per dozen about, lbs.	22
Per dozen	$37.00

*SIMMONS**



Crucible Steel, Polished Blade; Teeth Set and Filed; Blued Steel Back; Cherry Handle with Varnished Edges; Two Brass Screws.

Nos.	S/10/10	S/10/12	S/10/14
Length, inches	10	12	14
Extreme Width, inches	3	3¼	4
Wgt. per doz. abt., lbs.	12	14	16
Per dozen	$46.50	55.50	63.00

One-third Dozen in a Cardboard Box.

MITRE BOX SAWS.

*KEEN KUTTER**

Highest Grade Crucible Steel, Polished Blade; Teeth Set and Filed; Blued Steel Back; Applewood Handle with Varnished Edges; Three Nickel Plated Screws.

Nos.	K44M26	K44M28	K45M28
Length, inches	24	26	28
Width under Back, inches	4	4	5
Wgt. per doz., abt. lbs.	38	43	51
Per dozen	$145.50	156.00	180.00

One-third Dozen in a Cardboard Box.

COMPASS SAWS.

*KEEN KUTTER**

Highest Grade Crucible Spring Steel, Polished Blade, Thin Back; Furnished Plain on account of Hole in Handles not being uniform; Applewood Handle with Varnished Edges; Two Nickel Plated Screws.

Nos.	K93/12	K93/14	K93/16
Length of Blade, inches	12	14	16
Weight per dozen about, lbs.	5	6¼	7½
Per dozen	$21.75	22.50	23.25

One-half Dozen in a Cardboard Box.

Per Dozen

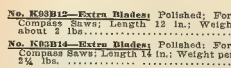
No. K93B12—Extra Blades; Polished; For No. K93/12 Compass Saws; Length 12 in.; Weight per dozen about 2 lbs. $10.50

No. K93B14—Extra Blades; Polished; For No. K93/14 Compass Saws; Length 14 in.; Weight per dozen about 2¼ lbs. 12.00

No. K93B16—Extra Blades; Polished; For No. K93/16 Compass Saws; Length 16 in.; Weight per dozen about 2½ lbs. 12.75

Packed Loose.

*SIMMONS**



Crucible Spring Steel, Polished Blade; Beechwood Handle with Varnished Edges, Two Nickel Plated Screws

Nos.	S/86/12	S/86/14
Length of Blade, inches	12	14
Weight per dozen about, lbs.	6	6½
Per dozen	$14.25	14.25

One-half Dozen in a Cardboard Box.

Per Dozen

No. S/86B14—Extra Blades; Polished; For No. S/86/14 Compass Saws; Length 14 in.; Weight per dozen about 2¾ lbs. $7.50

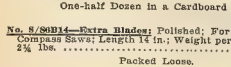
Packed Loose.

*KLICKER**

Polished Steel Blade; Beechwood Handle; Two Brass Screws

Nos.	S5/12K	S5/14K
Length of Blade, inches	12	14
Weight per dozen about, lbs.	6	6¼
Per dozen	$7.05	7.95

DISSTON'S



Crucible Spring Steel, Polished Blade, Thin Back; Applewood Handle, Weather-proof Finish; Two Brass Screws.

Nos.	2/12	2/14
Length of Blade, inches	12	14
Weight per dozen about, lbs.	6	6½
Per dozen	$19.35	20.40

One-half Dozen in a Cardboard Box.

INTERCHANGEABLE COMPASS SAWS.

*KEEN KUTTER**

Highest Grade Crucible Spring Steel, Polished and Etched Blade, with 6 in. Rule Etched on Back; Thin Back; Carved and Varnished Applewood Handle; Nickel Plated Screw and Tightening Lever.

Per Dozen

No. K95—*KEEN KUTTER;** Length of Blade 12 in.; Weight per dozen about 6 lbs. $32.50

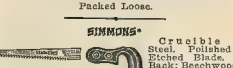
One-half Dozen in a Cardboard Box.

Per Dozen

No. K95B—Extra Blades; Polished; For No. K95 Compass Saws; Length 12 in.; Weight per dozen about 2 lbs. $12.75

Packed Loose.

*SIMMONS**



Crucible Spring Steel, Polished and Etched Blade, Thin Back; Beechwood Handle, with Varnished Edges; Two Raised Steel Screws.

Per Dozen

No. S/92—*SIMMONS;** Length of Blade 12 in.; Weight per dozen about 5 lbs. $14.25

One-half Dozen in a Cardboard Box.

Per Dozen

No. S/92B—Extra Blades; Polished; For No. S/92 Compass Saws, Length 12 in.; Weight per dozen about 2 lbs. $7.50

Packed Loose.

DISSTON'S.

Crucible Steel Polished Blade; Thin Back; Beechwood handle; Square Top Handle so blade can be reversed and used in close places; Adjustable by the use of a Special Cluster Bolt and Wing Nut.

Per Dozen

No. 4—DISSTON'S; Length of Blade 12 in.; Weight per dozen about 5 lbs. $15.05

One-quarter Dozen in a Cardboard Box.

Per Dozen

No. 4B—Extra Blades, Polished; For No. 4 Compass Saw; Length 12 in.; Weight per dozen about 2 lbs. $10.05

One Dozen in a Cardboard Box.

KEYHOLE SAWS.

*KEEN KUTTER**

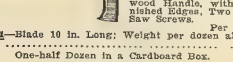
Highest Grade Crucible Spring Steel Polished Blade; Thin Back; Applewood Handle, with Varnished Edges, Two Brass Saw Screws.

Per Dozen

No. K91—Blade 10 in. Long; Weight per dozen about 4 lbs. $14.25

One-half Dozen in a Cardboard Box.

*KEEN KUTTER**—IRON PAD.



HIGHEST GRADE CRUCIBLE SPRING STEEL, POLISHED BLADE; Japanned Malleable Iron Handle, 4¼ in. Long, 1¼ in. Wide; BLADE IS REVERSIBLE and Butt End forms a Screw Driver Blade; Round Flat Head, Knurled Nickel Plated Thumb Screw.

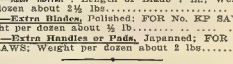
Per Dozen

No. KP—*KEEN KUTTER:** Length of Blade 7 in.; Weight per Dozen about 2¼ lbs. $11.25

No. KB—Extra Blades, Polished; FOR No. KP SAWS, Weight per dozen about ½ lb. 6.30

No. KH—Extra Handles or Pads, Japanned; FOR No. KP SAWS; Weight per dozen about 2 lbs. 4.50

*SIMMONS**—IRON PAD.



Polished Steel Blade, Japanned Cast Iron Handle, 4 in. Long, 1¼ in. Wide; BLADE IS REVERSIBLE and Butt End forms a Screw Driver Blade; Steel Screw to Tighten Blade.

Per Dozen

No. SP—*SIMMONS;** LENGTH OF BLADE 7 IN.; Weight per dozen about 2½ lbs. $9.45

One Dozen in a Cardboard Box.

BASEBALL CAPS.

DIZZY AND DAFFY DEAN.

Real Felt, Well Sewed and Stitched; Leather Bands; Strong Visor, Green underneath.

SIZES ASSORTED:

Quantity	1	2	2	2	2	2	1
Sizes	6⅛	6⅜	6⅝	6⅞	7	7⅛	7¼

ASSORTED COLOR COMBINATIONS.

Per Dozen

No. DDC—Weight per dozen about 1¼ lbs.....$6.00

One Dozen Assorted Colors and Sizes in a Carton.

Special Cap Flannel, Well Sewed; White Piping; Leather Band; Unbreakable Visor; Green Underneath.

ASSORTED SIZES—6¼, 6⅜, 6½, 6⅝, 6¾, 7, 7⅛, 7¼ and 7½.

COLORS—BLACK with Black Visor and MAROON with Black Visor; Black Button.

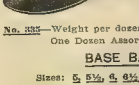
Per Dozen

No. 33X—Weight per dozen about 1¼ lbs.....$6.00

One Dozen Assorted Sizes in a Carton.

BASE BALL SHOES.

Sizes: 5, 5½, 6, 6½, 7, 7½, 8, 8½, 9, 9½, 10.



Extra Good Quality Black Calfskin Uppers; Professional Style Flexible Shank; Oak Leather Sole and Heel; Special Steel Plate Reinforcement under Cleats to prevent Sole from warping or breaking; Rivsted Toe and Heel Plates

Per Pair

No. 21.....$8.25

One Pair in a Cardboard Box; Weight per Pair abt. 1¾ lbs.

SHOE PLATES.

Nos. 8T and 12T. Nos. 8H and 12H.

Fine Quality Steel. Blued Finish.

Per Dozen Pairs

No. 8T—Professional TOE PLATES.....$3.00

No. 8H—Professional HEEL PLATES..... 3.00

Good Quality Steel, Bright Finish.

Per Dozen Pairs

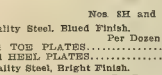
No. 12T—Amateur TOE PLATES.....$2.40

No. 12H—Amateur HEEL PLATES..... 2.40

One Pair in a Carton, with Screws, Weight per Dozen about 2¼ lbs.

TOE PLATES.

Pitchers'. Worn on Toe of Shoe.



Per Dozen

No. 5—ALUMINUM, Rights and Lefts; Weight per dozen about 6 ozs.....$5.25

Unless Otherwise Specified, "Rights" Will be Shipped. Packed Loose.

BASE BALL GUIDES.

REACH OFFICIAL AMERICAN LEAGUE; Contains a Full History of the Game; Complete Description of Last World Series amply Illustrated; Every Minor League, every College of importance and every Amateur League is given notice.

Issued about April 1st.

Each

No. R/36—Paper Cover; Weight each about 1 lb.....$0.80

Packed Loose.

CATCHERS' BODY PROTECTORS.

RAWLINGS.

Good Quality Material, Cross Stitched to form Parallel Ribs; Well Padded; Adjustable Back and Body Straps.

Each

No. 12—"MAJOR LEAGUE"; Full Size Pattern; Good Quality Duck; Leather Bound; Weight each about 2½ lbs.....$13.50

No. 9—"AMATEUR"; Smaller Size than No. 12; Khaki Cloth; Leatherette Bound; Weight each about 2 lbs. 9.75

Wrapped in Paper.

BASE BALL BASES.

RAWLINGS.

OFFICIAL SIZE.

Per Set (3)

No. 9—LEAGUE SPECIAL; Extra Heavy White Duck, Well Stuffed and Nicely Quilted; Complete with One Heavy Duck Strap and Pins; Weight per set (3) about 16 lbs.....$24.75

No. 2—"MUNY" LEAGUE; White Duck, Well Stuffed; Complete with Web Strap and Pins; Weight per set (3) about 15 lbs..... 15.75

One Set in a Package

CATCHERS' LEG GUARDS.

RAWLINGS

These Leg Guards are constructed that the Knee Cap drops in place automatically when Player is in a squatting position.

No. 6 No. 5

Per Pair

No. 9—"FIBER"; Extra Heavy Fiber; Moulded Fiber Knee Cap, Leather Reinforced and Padded with White Felt Joined to Shin Protector with Double Ribbed Flexible Leather Padded Joint; Shock Absorber on inside; Fiber Instep Protector; Elastic Straps; Weight per pair about 3 lbs.....$22.00

No. 5—"SPECIAL" FIBER; Heavy Fiber; Moulded Fiber Knee Cap, Leather Reinforced and Bound, and Padded with White Felt; Ankle and Instep Protector; Leather Shock Protectors on Inside of Guard; Elastic Strap; Weight per pair about 2½ lbs..... 16.80

One Pair in a Package.

ROLLER SKATE ANKLE PADS.

Ankle Pads save Shoes and add to Skating Comfort; These Pads are cut to fit any type of Strap.

Soft, Genuine Sheep Skin 6x1½ in.

Per Card (1 Dozen Pairs)

No. 12—Weight per Card (1 Doz. Pairs) about ½ lb. **$2.40**

One Dozen Pairs on an Attractive Three-Color Counter Display Card.

ROLLER SKATE KEYS.

New Design; Cold Rolled Pressed Steel; For Adjusting Extension Toe Clamps and Rolls.

Per Dozen

No. 2350—Weight per dozen about ½ lb..... **$0.60**

Six Dozen in a Carton

These Keys are designed to fit practically every Popular Skate on the Market.

Heavy Steel, Nickel Plated; Length 2¾ in.

Per Card (2 Dozen)

No. 24—Weight per Card (2 Dozen) about 2 lbs..... **$2.40**

Two Dozen on an Attractive Two-Color Counter Display Card.

COASTER SLEDS.

FLEXIBLE FLYER.

Made of Straight Grained Second Growth Ash, Handsomely Decorated and Finished with Three Coats of Best Grade Varnish; Special Process Spring Steel Runners, Grooved, which prevents skidding; Uprights or Supports made of Pressed High Carbon Steel; Patent Steering Bar Convenient for Hands or Feet, makes Guiding Easy without dragging the Feet; All Metal Parts Red Japanned.

Two Supports on Each Side.

Per Dozen

No. 1—FOR ONE MEDIUM SIZED CHILD; Length over all 39 in.; Width 12 in.; Height 6 in.; Weight per dozen about 102 lbs..... **$42.00** **$84.00**

No. 2—FOR ONE ADULT OR TWO CHILDREN: Length over all 43 in.; Width 13 in.; Height 6 in.; Weight per dozen about 120 lbs..... 54.00 **108.00**

Two Supports on Each Side.

Per Dozen

No. WR—WEE RACER: FOR MEDIUM SIZED CHILD; Length over all 42 in.; Width 12 in.; Height at Front 5 in.; in Rear 4 in.; Weight per dozen about 100 lbs. **$48.00** **$96.00**

Per Dozen

No. 3—FOR TWO LARGE CHILDREN OR TWO ADULTS: Two Supports on each Side; Length over all 48 in.; Width 14 in.; Height 8 in.; Weight per dozen about 186 lbs. $66.00 **$132.00**

No. 4—FOR TWO ADULTS: Two Supports, Length over all 53 in.; Width 14 in.; Height 8 in.; Weight per dozen about 201 lbs..... 79.80 **159.60**

Per Dozen

No. 5—FOR THREE ADULTS OR FOUR OR FIVE CHILDREN; Three Supports, Length over all 64 in.; Width 16 in.; Height 8 in.; Weight per dozen about 288 lbs. $102.00 **$204.00**

This Sled is Streamlined from Bumper to Runner; Oval Shaped Sloping Seat nicely decorated.

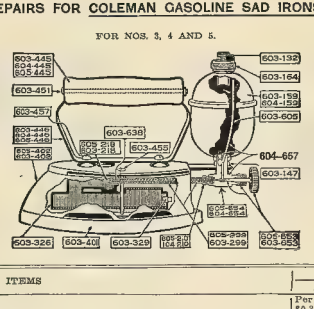
Per Dozen

No. 6—AIRLINE RACER; For Two Persons; Length over all 80 in.; Width 12 in.; Height at Front 6 in.; in Rear 5 in.; Weight per dozen about 144 lbs..$ 72.00 **144.00**

One-sixth Dozen in a Bundle.

REPAIRS for COLEMAN GASOLINE SAD IRONS.

FOR NOS. 3, 4 AND 5.



Specify Number of Iron for which Repair is Wanted.

Nos.	ITEMS	For Irons Nos. 3		4		5	
		Per Dozen		Per Dozen		Per Dozen	
‡104-210	Jamb Nut	$0.36	$0.75	$0.36	$0.75	....	....
‡216-509	Pump Leather	.54	1.10	.54	1.10	$0.54	$1.10
409-327	Stove Bolt (Lid Plate to Burner Manifold) (5/16x5/8 in.)	.36	.75	.36	.75	.36	.75
410-585	Pump	5.40	10.80	5.40	10.80	5.40	10.80
603-135	Filler Plug Air Stem	2.16	4.35	2.16	4.35	2.16	4.35
603-136	Filler Plug Gasket	.36	.75	.36	.75	.36	.75
603-139	Filler Plug Cord and Gasket	2.16	4.35	2.16	4.35	2.16	4.35
603-147	Lock Nut	.72	1.45	.72	1.45	.72	1.45
603-155	Fount (Less Fill Plug)	15.12	30.25	....	....	15.12	30.25
603-164	Filler Plug Complete	5.76	11.55	5.76	11.55	5.76	11.55
603-215	Gas Tip	.72	1.45	.72	1.45	....	....
603-299	Generator, Filler Coil and Gas Tip (Less Jamb Nut and Cleaning Needle and Holder)	4.32	8.65	4.32	8.65	....	....
*604-299	Roto Type Generator (With Cleaning Needle Operated by Rotary Lever)	6.00	12.00	6.00	12.00	....	....
603-326	Burner Manifold (Less Plug)	10.80	21.60	10.80	21.60	....	....
603-329	Burner Plug	.72	1.45	.72	1.45	....	....
‡603-365	Burner Manifold and Plug	11.52	23.00	11.52	23.00	....	....
603-403	Base	14 40	28.80	14.40	28.80	14 40	28.80
603-406	Lid Plate (Lower)	4 32	8.65	4.32	8.65	4.32	8.65
603-407	Lid Plate (Upper)	5.40	10.80	5 40	10.80	5 40	10.80
603-415	Fount Bracket	1.44	2.90	1 44	2.90	1.44	2.90
603-415	Locator Pin	.36	.75	.36	.75	.36	.75
603-430	Pilot Flame Baffle Plate	1.08	2.15	1.08	2.15	1.08	2.15
603-440	Stand	2 88	5.75	2 88	5.75	2 88	5.75
603-446	Handle Bracket	1 80	3.60	1 80	3.60	1.80	3.60
603-451	Handle Bolt (Less Nut) (5/16x5 in. Carriage)	.72	1.45	.72	1.45	.72	1.45
603-451	Lid Plate to Base Screw (No. 13—1/4 in. O. H. M. S.)	.72	1.45	.72	1.45	.72	1.45
603-457	Stove Bolt (Handle Bracket to Lid Plate) (1/4 in. x 11/16 in. R. H.)	.36	.75	.36	.75	.36	.75
603-638	Cleaning Needle and Holder	1.80	3.60	1.80	3.60	....	....
603-455	Fuel Tip	1.08	2.15	....	....	....	....
603-953	Generator Valve Stem Complete (Less Needle and Holder)	5.40	10.80	5 40	10.80	....	....
603 940	Funnel	2 16	4.35	....	....	2.16	4.35
604-159	Fount (Less Filler Plug)	....	....	15 20	32.40	....	....
604-189	Fount, Valve and Generator	....	....	36 00	72.00	....	....
604-402	Body (Blue Porcelain)	10.80	21.60	10 80	21.60	....	....
604-445	Iron Handle	2.88	5.75	2.88	5.75	....	....
603-604	Air Wire	.54	1.10	.54	1.10	....	....
‡604-618	Fuel Intake (Marked "AZ")	....	....	1.08	2.15	....	....
604-648	Fuel Intake and Air Wire	....	....	3 60	7.20	....	....
604-654	Valve Body	....	....	6 48	13.00	....	....
604-657	Valve and Generator Complete Assembled (With Fuel Intake and Air Wire)	18.00	36.00	18 00	36.00	....	....
‡604-658	Fuel Intake Protector and Screen	....	....	1 80	3.60	....	....
604-930	Fuel Measuring Can	....	....	5.40	10.80	....	....
605-189	Fount, Generator and Valve Complete Assembled	....	....	....	....	34.20	68.40
605-210	Jamb Nut	....	....	....	....	.36	.75
605-218	Gas Tip	....	....	....	....	1.44	2.90
605-299	Generator, Cleaning Needle and Holder	....	....	....	....	4 68	9.35
605-370	Burner Manifold and Burner Tube Complete Assembled	....	....	....	....	10 80	21.60
605-402	Body (Green Porcelain)	....	....	....	....	10.80	21.60
605-445	Iron Handle	....	....	....	....	2 52	5.05
605-638	Cleaning Needle and Holder	....	....	1 80	3.60	1 80	3.60
605-654	Generator Valve Stem Complete (Less Needle and Holder)	....	....	....	....	7.20	14.40
605-654	Valve Body	....	....	....	....	7 20	14.40
605-657	Valve and Generator Complete Assembled	....	....	....	....	18 00	36.00
‡605-904	Alcohol Bottle Only	....	....	....	....	1.08	2.15
‡605-913	Alcohol Torch Only	....	....	....	....	1 80	3.60
605-920	Alcohol Torch and Bottle Complete	....	....	....	....	2 88	5.75
605-950	Wrench	1 80	3.60	1 80	3.60	1.80	3.60
F631	—Directions for No. 4 Iron	Free		....	....	....	....

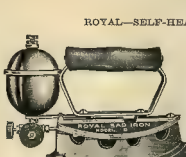
*For No. 4A Instant-Lite Gasoline Sad Iron. Packed Loose.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

—1075—

GASOLINE SAD IRONS.

ROYAL—SELF-HEATING.



One Piece Cast Base and Hood, with Cast Cover; Highly Polished; Has 17 square inches of ironing surface; Steel Handle Braces; Enameled Wood Handle; Brass Fount and Burner Unit; Self-cleaning Burner with removable Pin; Can be regulated for Light or Heavy Work.

Very economical in operation, burns any grade of Gasoline; Heats in 3 minutes—No Pre-heating; Strike a match, turn the Valve—Light Instantly.

Complete with Nickel Plated Stand, Pump, Funnel, Wrench and Complete Instructions.

Iron is 5½ In. Long, 3⅝ In. Wide, 6½ In. High; Capacity of Fount, ½ Pint.

Each

No. D—Body Dull Nickel; Other Parts Bright Nickel Plated Finish.....$7.05

One in a Carton; Shipping Weight about 8 lbs.

COLEMAN—SELF-HEATING.

Double Pointed Base, Highly Polished, has 16 Square inches of Ironing Surface; Two Piece Ventilated Steel Lid, with Steel Handle Frame; Wood Handle.

Brass Fount and Valve Unit; Burner extends full length of Iron, Heating entire bottom, with point hottest; New Roto-type Generator, with Self-cleaning Tip; Heat can be regulated for Light or Heavy Work.

Iron is 10½ In. Long, 3¾ In. Wide, 6½ In. High; Capacity of Fount ½ pint.

INSTANT LIGHTING

Has the New Tapered Ironing Edge; Beveled just right for Easy Ironing in Tucks and Pleats and under Buttons

No Generating, just strike a match and turn valve; Lights Instantly.

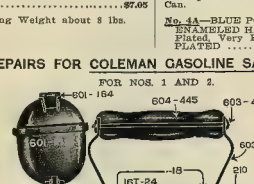
Complete with Stand, Pump, Wrench and Measuring Can.

Each

No. 4A—BLUE PORCELAIN ENAMELED BODY; BLUE ENAMELED HANDLE; Beveled Sole Plate Chromium Plated, Very Highly Finished; BALANCE NICKEL PLATED.....$6.25 $12.50

REPAIRS FOR COLEMAN GASOLINE SAD IRONS.

FOR NOS. 1 AND 2.



Specify Number of Iron for which Repair is Wanted.

Nos.	ITEMS	For Irons Nos. 1	For Irons Nos. 2
		Per Dozen	Per Dozen
‡1	—Base	$16.84 $31.50	....
‡9	—Deflector Plate	3.60 7.20	....
‡16B	—Lid Plate (Lower)	5.40 10.80	....
‡16T	—Lid Plate (Upper)	4.32 8.65	....
‡17	—Lid Plate Asbestos Liner	2.16 4.35	....
‡18	—Bolt (Handle Bracket to Lid Plate) (Lower) ¼x⅝ U. S. S. R. H.	.72 1.45	....
‡21	—Deflector Plate	....	$ 3.60 $ 7.20
‡22	—Lid Plate (Lower)	....	5.40 10.80
‡23	—Lid Plate Asbestos Liner	....	2.16 4.35
‡24	—Lid Plate (1 piece)	....	4.32 8.65
‡27	—Extension Arm for Lid	....	1.44 2.90
‡28	—Bolt (Handle Bracket to Lid Plate) (Lower) ¼x⅝ U. S. S. R. H.	.72 1.45	.72 1.45
210	—Set Screw (⅛x½ in.)	1.44 2.90	1.44 2.90
‡266	—Base	....	15.48 30.95
‡600-399	—Burner Unit Complete (Fount, Generator, Valve and Burner)	41.40 82.80	....
600-057	—Valve and Generator Complete Assembled	18.00 36.00	....
607-136	—Filler Plug Gasket	.36 .75	.36 .75
601-150	—Fount (Less Filler Plug)	15.12 30.25	15 12 30.25
601-164	—Filler Plug Complete	2.88 5.75	2 88 5.75
601-371	—Burner	7.20 14.40	7.20 14.40
‡603-399	—Burner Unit Complete (Fount, Generator, Valve and Burner)	....	41.40 82.80
601-614	—Valve Stem	2.88 5.75	2.88 5.75
601-616	—Pack Nut	2.88 5.75	2.88 5.75
607-620	—Valve Stem Packing	.54 1.10	.54 1.10
601-653	—Valve Stem Complete	7.20 14.40	7.20 14.40
601-657	—Valve and Generator Complete Assembled	....	18.00 36.00
601-950	—Wrench	1.80 3.60	1 80 3.60
603-440	—Stand	2.88 5.75	2.88 5.75
603-451	—Handle Bolt (Less Nut) (⅜x8 in. Carriage)	.72 1.45	.72 1.45
603-446	—Handle Bracket	1.80 3.60	1.80 3.60
603-940	—Funnel	2.16 4.35	2.16 4.35
604-445	—Iron Handle	2.88 5.75	2.88 5.74

Packed Loose.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

SELF-BASTING ROASTER AND BAKER.

26 Gauge Smooth Sheet Iron, Stamped and Folded. Natural Finish, with Wired Rim and Riveted Wire Handles. Removable Top, with Sliding Ventilator.

Indented Top.

Nos	10	20	30
Sizes, inches	7x9½x14	7½x10x15	8x10½x16½
Weight per doz. abt., lbs.	20	28	42
Per dozen	$9.00	12.00	15.00

One Dozen in a Crate

OVEN PANS.

For Open Roasting, Baking or Frying; Also Ideal for Refrigerator use.

Mediterranean Blue Enameled.

Seamless, High Quality Steel, Heavily Enameled; Built-in Handles.

Nos.	Size, in.	Wgt. per dozen about, lbs.	Per Dozen
13	14x10x3¼	24	$ 8.10
14	15x10⅝x3¾	25	10.00
16	16¾x11¾x3½	27	14.10
17	17½x12x3½	33	16.50

One Dozen in a Carton.

GOLD MINERS' PANS.

One Piece Heavy Sheet Steel, with Rimmed Edge.

Per Dozen

No. 22—POLISHED; Size 12 in. in Diameter, 2 in. Deep; Weight per dozen about 13 lbs. $11.25

Packed Loose.

DRIPPING PANS.

26 Gauge Smooth Sheet Iron, Stamped and Folded, with 8 Gauge Wire Top Rim, and 8 Gauge Steel Wire Handle, Riveted to Pan.

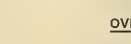
Size, inches	6x9	7x10	7x14	8x10	8x12
Depth, inches	2	2	2	2	2
Wgt. dozen, lbs	8	10½	14	11	13½
Per dozen	$1.75	2.10	2.65	2.20	2.65
	2.30	2.70	3.45	2.85	3.30

Size, inches	9x12	9x14	10x12	10x14	10x15
Depth, in	2¾	2¾	2¾	2¾	2¾
Wgt. doz. lbs	14	15	17	17½	18
Per dozen	$2.60	3.00	3.05	3.40	3.50
	3.35	3.80	3.95	4.40	4.50

Size, inches	12x14	12x17	14x15	16x17	18x19
Depth, in	2¾	2¾	2¾	2¾	2¾
Wgt. per doz. abt., lbs	19	24	23	28	34½
Per dozen	$4.00	4.45	4.75	5.50	6.50
	5.15	5.70	6.15	7.10	8.40

Three Dozen in a Crate.

OVEN PANS.



BOSS.

27 Gauge Uniform Color Refined Steel; Wired Top Rim; Folded Ends; Wire Drop Handles, Riveted on.

Per Dozen

No. 2—Length 11 in.; Width 8¼ in.; Depth ¾ in.; Weight per dozen about 7 lbs. $5.25

One Dozen in a Package.

FRY BASKETS.

ANDROCK'S—"FRENCH CHEF".

This Basket meets the Popular Demand for a Kitchen Utensil for Deep Fat Frying, Boiling, Washing and Draining Foods of all kinds.

Sturdily built throughout; Wire Mesh Ends securely bound in Metal, making a neat, clean Top Rim; Correctly-Shaped Drain Hook securely fastened to Bottom of Basket.

Heavy Wire Loop Handle and Drain Hook; Small Mesh Wire Body.

Per Dozen

No. 2508—Diameter 7 in.; Depth 3¾ in.; Weight per dozen about 7 lbs. $9.00

One Dozen in a Carton.

WAFFLE IRONS.

DEEP RIM.

For Gas, Gasoline or No. 8 or 9 Coal Stoves and Ranges.

IDEAL.

Cast Iron Frame and Base Handle, Black Japanned; Turned-up Bottom Edge; Alaska Cold Wire Handles set in Air-cooled Sockets; Cast Iron Cake Iron Revolves in Ball Socket.

Per Dozen

No. 8—Size of Cake 7¼ in.; To Fit Stoves, Nos. 8 or 9; Weight per dozen about 86 lbs. $34.20

3 Dozen in a Barrel.

Black Japanned Cast Iron Base 4 in. High, 11 in. Diameter at Bottom, with Handles on Both Sides; Turned-up Bottom Edge; Tumbled Finish Heavy Cast Iron Cake Iron Revolves in Round Socket at Top; Ball with Lock in Rear to hold Irons together; Lug on Sides to Prevent Iron Revolving too far; Alaska Cold Wire Handles set in Air-cooled Sockets.

Per Dozen

No. 88—Size of Cake 7¼ in., in Four Sections; Weight per dozen about 132 lbs. $43.20

2½ Dozen in a Barrel.

OUR SHIPPING FACILITIES ARE UNEQUALED

We Invite Correspondence

Whenever your MAIL ORDERS are not handled to your entire satisfaction, write us, or take it up with our traveling representative. This will save your time, which is valuable. He is authorized to act.

POCKET KNIVES.

PRESS BUTTON.

These Knives are fitted with Press Button and Locking Device Controlling each Blade. Blades are opened and closed by pressing button, however Blades can be locked in open or closed position if desired.

HUNTING PATTERN.

High Grade Steel Blades; Well Made and Nicely Finished.

One Large Clip Blade, Glazed Finish; Polished Steel Bolster; Steel Lining.

Per Dozen

No. 700—5 IN.; IMITATION STAG METAL HANDLE, DU PONT'S "FLINTFLEX" FINISH.....$27.00

Weight per Dozen about 3 lbs.
One-half Dozen in a Carton;

PRESS BUTTON.

These Knives are fitted with Press Button and Locking Device Controlling each Blade; Blades are opened and closed by pressing button, however Blades can be locked in open or closed position if desired.

High Grade Steel Blades; Well Made and Finished Throughout.

TWO BLADES, One Large Spear and One Pen; Large Blade Half Polished; Nickel Silver Bolsters; Brass Lining.

Per Dozen

No. 4142—3¾ IN.; CELLULOID HANDLES—Assorted Four Jade Green and Two Cardinal Red in each Half Dozen Display Carton; Weight per dozen about 2 lbs.....$24.00

One-half Dozen in a Display Carton.

EASY OPENER PATTERN.

ONE LARGE SPEAR POINT BLADE, Glazed Finish; Steel Lining; 14 in. Steel Chain with Button Clasp.

Per Dozen

No. 187—2¾ IN.; FIBER STAG HANDLE.....$2.55

EASY OPENER PATTERN.

ONE LARGE SPEAR POINT BLADE, Glazed Finish; Steel Lining.

Per Dozen

No. 180—2¾ IN.; FIBER STAG HANDLE.....$2.40

One Dozen in a Carton; Weight per Dozen about ½ lb.

POCKET KNIVES.

IMPERIAL—
JUNIOR BARLOW.

Two Blades, One Large Clip and One Pen, Full Polished; Semi-Cleaned Inside; Steel Lining and Long Steel Bolster.

Per Dozen

No. 435—BROWN SHINBONE HANDLE.....$6.00

One Dozen in an Attractive Partitioned Display Carton; Weight per Dozen about 1¼ lbs.

HUNTING AND FISHING POCKET KNIVES.

THE SPORTSMAN.

Here is a One-Bladed Pocket Knife 5 in. Long, With One Full Polished Clip Blade of Fine Steel and Sharp Edges; Nickel Silver Shield; Brass Lining.

Knives are mounted on an Attractive Counter Display Stand —Six with Regular Clip Blade and Six with Fish Scraper Back Clip Blade.

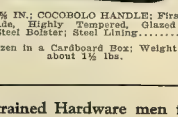
Per Dozen

No. 883—Weight per dozen about 2¼ lbs.....$3.60

Each Card in a Carton.

RASE KNIVES.

LUMBERMAN'S.



Per Dozen

No. 185R—3½ IN.; COCOBOLO HANDLE; First Quality Steel Blade, Highly Tempered, Glazed Finish; Polished Steel Bolster; Steel Lining.....$30.00

One-half Dozen in a Cardboard Box; Weight per Dozen about 1½ lbs.

Well trained Hardware men follow through with a personal interest every Mail Order you send us, assuring *Fast and Efficient Service.*

GROUND AND SKY
KEEN KUTTER ADVERTISING KITES

Kites are an excellent medium for Advertising as they are seen while being "Raised" and while "Up"—A **KEEN KUTTER** Kite with its Vivid Red **KEEN KUTTER** Trade Mark and Snow White Paper Background can be seen a great distance.

These Kites are made of a Fine White Sulphite Paper, with **KEEN KUTTER** Trade Mark in Bright Red and Flexible, Straight-Grained Hardwood Sticks, slotted at end.

The dealer receives each Kite Rolled, with Sticks ready to Assemble and Fly.

They are easy to assemble, easy to "raise" into the air and do not require a "Belly Band" or Bridle; Well Balanced —No Tail Required.

Instructions for assembling with each Kite.

So that our Customers can take advantage of this popular method of Advertising we are offering **KEEN KUTTER** Kites Free under the following conditions.

With each order for **KEEN KUTTER** Merchandise, amounting to sums mentioned below we will give absolutely Free Kites without Dealers Name or imprint—

100 Kites with &TZT worth of *KEEN KUTTER* Merchandise .....FREE

200 Kites with JTZTZ worth of *KEEN KUTTER* Merchandise .....FREE

Dealers Name and Advertisement will be printed on the 200 Kites he receives FREE at an additional Cost of UTZ.

No. K221—Kite 30x24 in.; Weight per 100 about 8¼ lbs.
Twelve Kites in a Bundle.

If any of our Customers want to purchase **KEEN KUTTER** Advertising Kites with their Name and Advertisement printed thereon, and no **KEEN KUTTER** Merchandise, we will furnish as follows:

In Lots of	Per Lot
200 Kites	**B&T**
350 Kites	**JZTZ**
500 Kites	**J&TZ**
1000 Kites	**MTZT**

TWINE—Be sure our Customer has a full supply of Twine or Kite "String" (Page 883).

KEEN KUTTER
ADVERTISING LEAD PENCILS

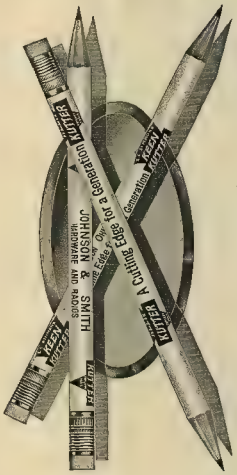
Printed in Two Colors—For Advertising and Sale Purposes.

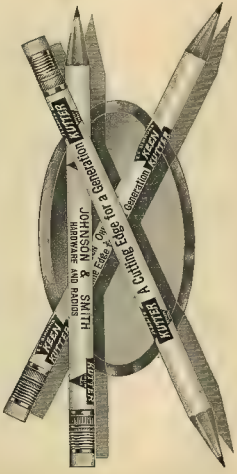
For Advertising at County Fairs, Special Celebrations, Picnics, Opening of New Stores and General Distribution from place of Business.

Lead Pencils go directly into the home, are appreciated as Gifts and used by every member of the family.

School Children are tomorrows' Customers—get them to know your firm.

Every person appreciates a good Pencil, and it will keep the Dealer's name before his customers and prospective customers.





Round, well made of Western Cedar, with Short Gilt Tip, Red Rubber and High Grade No. 2 Medium Soft Lead.

WHITE ENAMELED.

Length 7½ in.

No. K500A	Weight per Lot abt., lbs.	Per Lot
Lots of 250	6	$24.75
Lots of 500	9½	51.00
Lots of 1000	18	66.00

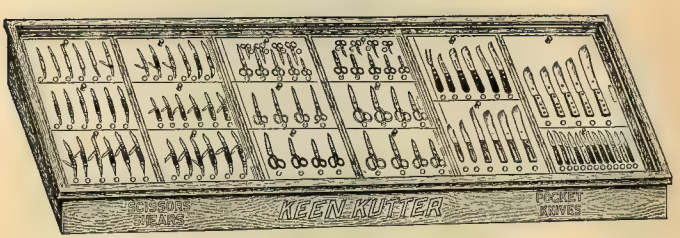
Customer's Name and Business Card Printed in Blue, *KEEN KUTTER* Trade Marks in Red, Lacquered after Printing to prevent marring printing.

LEAD PENCILS ARE CONSTANT ADVERTISERS.

KEEN KUTTER

MODERN MERCHANDISER TOP ONLY

No. K1934T



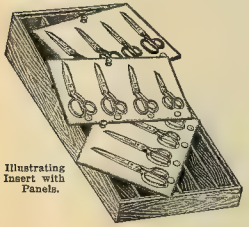
Correctly Designed and Finished in Light Oak with N. R. H. A. Orange Display Panels.

Top is 84¼ in. Long, 31¼ in. Wide, 5½ in. High in Front and 8½ in. High in Back; Complete with Lock and Key.

The *KEEN KUTTER* Merchandiser Top can be placed correctly on any Standard Table.

The Front Appropriately lettered in *KEEN KUTTER* Colors.

With each Merchandiser Top is included one set Six Inserts, with Removable Display Panels. Partitions in Insert Stock Compartments are Removable giving Larger Space if desired.



Illustrating Insert with Panels.

Inserts suggested with Display Top, and which will enable Dealer to Display a Well Selected Assortment of Cutlery —Two No. 1 showing 36 Patterns of Pocket Knives—Two No. 2 showing 34 Patterns of Shears and Scissors—One No. 3 showing 12 Patterns of Butcher Knives or Slicers up to 8 in.—One No. 4 showing 5 Patterns of Butcher Knives up to 12 in. and 12 Paring Knives.

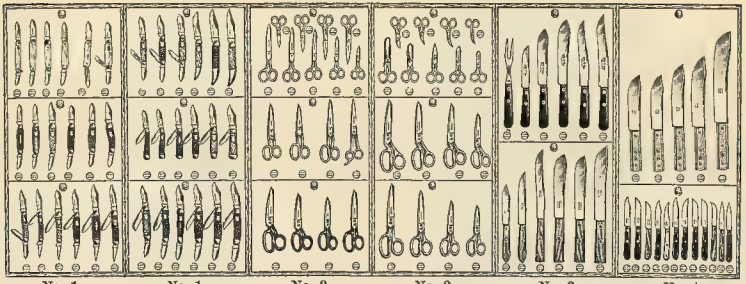
Each

No. K1934T—Merchandiser Top Complete with Sliding Glass Top and Six Inserts (Specify Inserts wanted) **$150.00**

Merchandiser Top is in One Piece Crated, Weight 190 lbs. Glass Packed Separate, Weight 108 lbs. Total Weight 298 lbs.

YOU CAN ACQUIRE ONE OF THESE BEAUTIFUL MERCHANDISERS WITHOUT COST TO YOU. SEE OUR SALESMAN OR WRITE US DIRECT.

KEEN KUTTER
MODERN MERCHANDISER INSERTS



No. 1 No. 1 No. 2 No. 2 No. 3 No. 4

The flexibility of **KEEN KUTTER** Modern Merchandiser Inserts can be seen at a glance. Six are shown as furnished with No. K1934 complete Merchandiser or with No. K1934T Merchandiser Top.

The suggested inserts for Complete Merchandiser or Merchandiser Top Only consists of Two No. 1, showing 36 Patterns of Pocket Knives; Two No. 2 Displaying 34 Patterns of Shears or Scissors; One No. 3, showing 12 Patterns of Butcher Knives or Slicers up to 8 in.; One No. 4, showing 5 Patterns of Butcher Knives up to 12 in. and 12 Patterns of Paring Knives.

If it is desired to show more Pocket Knives, additional inserts can be ordered. If, but 18 Patterns are carried, only one Pocket Knife Insert is necessary. Shears or Scissors can be increased or decreased in like manner; likewise Slicers, Butcher Knives and Paring Knives.

Each insert Display Tray is easily removed by raising the Light Oak Finished Knob. White Celluloid Buttons are furnished for each item displayed on tray on which can be shown stock number and retail price. Stock is carried in partitioned sections in insert, these partitions being removable, giving larger space if desired.

KEEN KUTTER Modern Merchandiser Inserts are finished in Light Oak. Display Tops are covered with N. R. H. A. orange colored felt. Size of each insert 29¼ in. Long, 13¾ in. Wide, 2⅜ in. High in Front, 5¼ in. High in Back, weight per insert 11 lbs. No. 1 insert to display and hold 18 Patterns of Pocket Knives; No. 2 to display and hold 8 Shears and 9 Scissors; No. 3 to display and hold 12 Butcher Knives or Slicers up to 8 in.; No. 4 to display and hold 5 Butcher Knives up to 12 in. and 10 Paring Knives.

SAFETY RAZOR BLADES.

DOUBLE EDGE.

MARATHON—BLUE.

FOR OLD AND NEW GILLETTE TYPE SAFETY RAZORS.

These Double Edge Blades are made of the Finest Swedish Steel, Finely Tempered, Ground and Sharpened. Each Blades is in Oil Paper and Paper Envelope.

The Easel Back Lithographed Display Stand is 13x18¼ in., and is equipped with chutes on back holding packages of Blades which are easily removed by dealer.

Per Card

No. 620—Card of 20 Packages of Five Blades; Weight per card about 1 lb. **$3.30**

One Card in a Cardboard Box.

WINDSOR.

FOR ALL GILLETTE TYPE SAFETY RAZORS.

Finest Swedish Steel Blade, Tempered, Sharpened and Honed to give perfect shaving satisfaction; Each Blade in Waxed Paper and in Individual Envelope.

TWENTY-FOUR PACKAGES OF THREE BLADES mounted on an Attractive Display Card 11x13 in.

At Top of Each Card is secured a Two Blade, White Celluloid Handle Pocket Knife which dealer is to present to purchaser of last package of Blades.

Per Card

No. 24WB—Weight per card about 1 lb. **$4.80**

Each Card in a Carton.

SPEEDWAY.

FOR OLD AND NEW GILLETTE TYPE SAFETY RAZORS.

Finest Swedish Steel, Tempered and Hair Tested; Extra Quality.

FIVE BLADES IN A PACKAGE, 20 Packages on an Attractive Easel Counter Display Stand 11¾x12¾ in.

Each Blade in an Envelope. Five in a Package.

Per Card

No. 2510—20 PACKAGES OF FIVE BLADES; Weight per card about 1 lb. **$3.60**

Each Card in a Cardboard Box.

RAZORS.

***KEEN KUTTER*®**

Highest Grade Razor Steel Blades, Uniformly Tempered, CAREFULLY GROUND AND TESTED, HONED READY FOR USE.

WHITE CELLULOID HANDLE; Full Concaved Blade, Etched in Gold, Full Crocus Polished; File Tang.

Per Dozen

No. K740/8—Square Point Blade ⅝ in. Wide..... **$66.00**

PLAIN BLACK RUBBER HANDLE; Full Concaved Blade, with *KEEN KUTTER* Trade Mark Etched in Gold, Full Crocus Polished; Quill (or Round) Back, File Tang.

Per Dozen

No. K11—Round End Blade ⅝ in. Wide..... **$54.00**

WHITE CELLULOID HANDLE with the words *KEEN KUTTER* Stamped in Red Logotype Letters on Front; Full Hollow Ground Blade, with *KEEN KUTTER* Trade Mark Etched in Gold, Full Crocus Polished Blade.

Per Dozen

No. K743⅝/SP Square Point Blade ⅝ in. Wide... **$54.00**

PLAIN BLACK RUBBER HANDLE; Three-quarter Concaved Blade, Etched in Gold, Highly Polished; File Tang.

Per Dozen

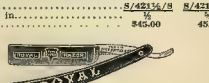
No. K44⅝/S—Square Point Blade ⅝ in. Wide..... **$36.00**

PLAIN BLACK RUBBER HANDLE; Full Concaved Blade, Highly Polished; File Tang.

SIMMONS BARBERS' PET®.

SQUARE POINT.

Nos.	S/421¼/8	S/421⅝/8
Width Blade, in.	½	⅝
Per dozen	$45.00	45.00



ROYAL®.

PLAIN BLACK RUBBER HANDLE; Three-quarter Concaved Blade, Etched in Gold, Highly Polished; File Tang.

Per Dozen

No. K419⅝/S—Square Point Blade ⅝ in. Wide.... **$40.50**

No. K419⅝/R—Round Point Blade ⅝ in. Wide..... **40.50**

One-half Dozen in a Cardboard Box; Weight per Dozen about 2 lbs.

GOPHER TRAPS.

ONEIDA VICTOR.

This Trap fits snugly in a Gopher Hole without digging; Catches large or small Gophers as it jumps when Sprung and secures a fast, killing grip; Easy to set

Practically designed and sturdily constructed of High Grade Metal; Light in Weight, Rugged in Appearance.

Per Carton (2 Dozen)

No. VG—Length 6 in.; Spread of Jaws 2¾ in.; Natural Iron Finish; Weight per carton about 6½ lbs.....**$11.00**

Two Dozen in a Carton.

GIBBS.

Entirely standard in the popular shape and size, but novel in its new construction, which affords greater ease in setting and longer life than existing models. The positive in its action. Tripping mechanism very sensitive. This only Gopher Trap in which the under side of the Trap is specially designed to fit the contours of the tunnel. Attractively enameled to resist rust.

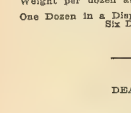
ALL STEEL.

Per Dozen

No. 100—Length 5½ in.; Spread of Jaws 2½ in.; Weight per dozen about 1½ lbs.....**$5.40**

One Dozen in a Display Carton, with Instructions; Six Dozen in a Case.

DEATH-KLUTCH.



A Light Weight, All Metal Trap that can be used everywhere; It is easily and quickly set and will spring and catch a burrowing animal even though completely buried. When set it permits Light, the best possible bait, to enter the runway; The Gopher in trying to plug the hole pushes dirt over the trap and when his nose touches the trigger the Jaws close over his body.

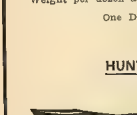
Polished 8 Gauge Wire Handle and Jaws; 13 Gauge Coppered Steel Winder, Spring and Trip Lever; Galvanized Steel Trigger.

Per Dozen

No. 167—Length over all 9¾ in.; Jaws Open 2½ in.; Weight per dozen about 3 lbs.....**$4.80**

One Dozen in a Carton.

HUNTING KNIVES.



High Grade Steel Blade, Full Polished, Beveled and Sharpened; Laminated Leather Handle, with Polished Bronze and Aluminum Trim.

Complete with Tan Leather Sheath, with Loop and Snap Fastener.

Per Dozen

No. S/2851—Blade 5 in. Long; Length over all 9¾ in.; Weight per dozen about 3½ lbs.....**$36.00**

One-half Dozen in a Carton.

HUNTING KNIVES.

KINFOLKS.

Highest Quality Special Analysis Extra Heavy Steel Blade, with Bleed Groove, Mirror Polished Finish; Heavy Built-up Leather, Brass and Fibre Washer Handle with Polished Aluminum Guard and Knob; Tang extends entirely through Handle and secured by Countersunk Brass Nut.

Complete with Tan Russet Leather Sheath, with Loop and Snap Fastener.

Per Dozen

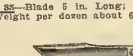
No. 925—Blade 5 in. Long; Length over all 9⅝ in.; Weight per dozen about 6 lbs.....**$54.00**

Highest Quality Special Analysis Extra Heavy Steel Blade, with Blood Groove, Mirror Polished Finish; Heavy Built-up Leather and Fibre Washer Handle with Polished Aluminum Guard and Knob; Tang extends entirely through Handle and secured by Countersunk Brass Nut.

Complete with Tan Russet Leather Sheath, with Loop and Snap Fastener.

Per Dozen

No. 85—Blade 5 in. Long; Length over all 9⅝ in.; Weight per dozen about 6 lbs.....**$48.00**



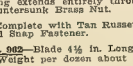
AN EXPERT HUNTER PATTERN.

Highest Quality Special Analysis Heavy Steel Blade, with Heavy Swage and File Cut Back, Full Mirror Polished; Heavy Built-up Leather and Aluminum Washer Handle with Polished Aluminum Bottom Guard and Knob; Tang extends entirely through Handle and secured by Countersunk Brass Nut.

Complete with Tan Russet Leather Sheath, with Loop and Snap Fastener.

Per Dozen

No. 902—Blade 4½ in. Long; Length over all 8⅝ in.; Weight per dozen about 6 lbs.....**$40.80**



AN EXPERT HUNTER PATTERN.

Highest Quality Special Analysis Extra Heavy Steel Blade, Full Mirror Polished; Heavy Built-up Leather Washer Handle with Polished Aluminum Bottom Guard and Knob; Tang extends entirely through Handle and secured by Countersunk Brass Nut.

Complete with Tan Russet Leather Sheath, with Loop and Snap Fastener.

Per Dozen

No. 92—Blade 4½ in. Long; Length over all 8⅝ in.; Weight per dozen about 6 lbs.....**$36.00**

One-half Dozen in a Carton.

A REAL CAMPERS' KNIFE, IDEAL FOR SLICING AND SKINNING.

Highest Quality Special Analysis Steel Blade, Mirror Polished Finish; Large Aluminum Guard; Full Scale Tang; Bone Stag Handle, with Three Nickel Silver Rivets.

Complete with Tan Russet Leather Sheath, with Loop and Snap Fastener.

Nos.	Blade, in.	Lgth. over all, in.	Wgt. per doz. abt., lbs.	Per Dozen
652/5	5	8⅝	4½	$23.40
653/6	6	9⅝	5	28.80

One-half Dozen in a Cardboard Box.

—1433—

POCKET KNIVES.

SIMMONS*

High Grade Steel Blades. Uniformly Tempered, SHARPENED AND WHETTED ON AN OIL STONE BY HAND, READY FOR USE.

SIMMONS*.

This very Attractive Assortment consists of One Dozen High Grade SIMMONS Pocket Knives put up in a Partitioned Cardboard Box with Display Card printed in Three Colors.

Pocket Knives are 3¼ in. Long have Two Blades, 1 Large Spear Point and 1 Pen, Full Polished; Nickel Silver Tips and Shield; Brass Lining.

Per Assortment

No. S/200—HANDLES ASSORTED—SIX STAG AND SIX ASSORTED CELLULOID; Weight per Assortment about 1¼ lbs. $6.00

LACLEDE*.

These American made Pocket Knives are Well Constructed and Nicely Finished; The Blades are Good Grade Steel, Hardened and Tempered, Mirror Polished.

This Assortment consists of Two Dozen Pocket Knives asorted as follows:

1 Dozen 2-Bladed Jack Knives, Assorted Stag and Celluloid Handles; Large Spear Point and 1 Pen.

1 Dozen 3-Bladed Cattle Knives, Assorted Stag and Celluloid Handles and Assorted Bladings—Clip, Pen and Spey and Clip, Spey and Punch.

The Roll is Black Leatherette, 30½ in. Long, 9 in. Wide, Green Felt Lined and Fitted with Black Tape Loops and Outside Leather Strap.

Per Assortment

No. L600—Assortment as above; Weight per assortment about 2¾ lbs. $18.00

Wrapped in Paper.

POCKET KNIVES.

LACLEDE.*

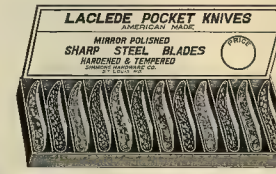
These American Made Pocket Knives are well made and Nicely Finished; The Blades are Good Grade Steel, Hardened and Tempered, Mirror Polished.

TWO BLADES, One Large Clip and One Pen, Full Polished; Polished Steel Bolsters, Tip and Lining; Nickel Silver Shield; Brass Blade Divider.

Per Dozen

No. L806—4¼ IN.; ASSORTED STAG AND COLORED CELLULOID HANDLES $12.00

One-half Dozen in a Partitioned Carton, with Display Card; Weight per Dozen about 1⅝ lbs.



ONE LARGE CLIP BLADE, Full Polished; Steel Lining.

Per Dozen

No. L805—5 IN.; ASSORTED STAG AND COLORED CELLULOID HANDLES $6.00

One Dozen in a Partitioned Carton, with Display Card. Weight per Carton about 1½ lbs.

TWO BLADES, 1 Large Spear and 1 Pen, Full Polished; Polished Steel Tips and Lining; Nickel Silver Shield.

Complete with One Dozen Assorted Colored Knife Purses.

Per Dozen

No. L807—3¼ IN.; ASSORTED STAG AND WHITE PEARL CELLULOID HANDLES $6.00

One Dozen in a Carton.

Weight per Carton about 1 lb.

Simmons Mail Order Service Includes

NO POSTAGE ENVELOPES

Mail Order Tabs, Free.

Our Salesmen will keep you supplied with these or write us for a supply.

POCKET KNIVES.

LACLEDE.*

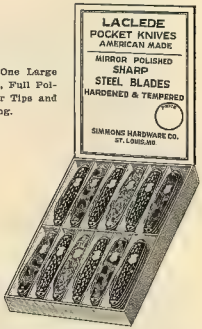
These American made Pocket Knives are well made and nicely Finished; The Blades are Good Grade Steel, Hardened and Tempered, Mirror Polished.

One Dozen Knives are put up in a Partitioned Cardboard Display Box with Cards as shown.

ONE LARGE Combination Spear and Cap Lifter Blade with Cork Screw on Back of Knife; Brass Lining and Tips.

Per Dozen

No. L800—3⅝ IN.; STAG HANDLE..... .....$6.00



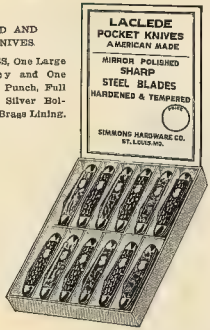
TWO BLADES, One Large Spear and One Pen, Full Polished; Nickel Silver Tips and Shield; Brass Lining.

Per Dozen

No. L801—3¼ IN.; ASSORTED STAG AND FANCY CELLULOID HANDLES $6.00

EQUAL END AND CATTLE KNIVES.

THREE BLADES, One Large Clip, One Spey and One Patented Leather Punch, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.



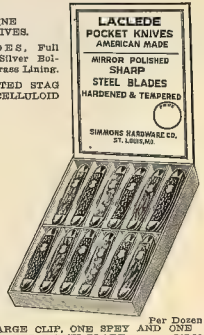
Per Dozen

No. L802—3¼ IN.; ASSORTED STAG AND FANCY CELLULOID HANDLES $12.00

SERPENTINE CATTLE KNIVES.

THREE BLADES, Full Polished; Nickel Silver Bolsters and Shield; Brass Lining.

3¾ IN.; ASSORTED STAG AND FANCY CELLULOID HANDLES.



Per Dozen

No. L803—ONE LARGE CLIP, ONE SPEY AND ONE PATENTED LEATHER PUNCH BLADE.....$12.00

No. L804—ONE LARGE CLIP, ONE SPEY AND ONE PEN BLADE 12.00

Weight per Dozen about 2 lbs.

PLAYGROUND BATS.

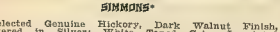
SIMMONS*

Selected Genuine Hickory, Dark Walnut Finish, Lettered in Silver; White Taped Grip; Imprinted "Official Playground".

Per Dozen

No. 15H—OFFICIAL PLAYGROUND; Length 34 in.; Assorted Weights $18.00

Two Dozen in a Carton; Weight per Dozen about 30 lbs.



Good Grade Ash, Golden Finish, with Black Taped Handle. Assorted Weights.

Per Dozen

No. 8A—Lengths Assorted 30 and 31 in.; Weight per dozen about 18 lbs. $7.20

Two Dozen in a Carton.

Straight Grained Hardwood, Golden Flame Burnt Finish; Tape Wrapped Handle.

Per Dozen

No. BE—BOARD OF EDUCATION; Length 33 in.; Weight per dozen about 21 lbs. $14.25

Three Dozen in a Fibre Carton.

SOFT BALL BATS.

SIMMONS*

Choice Straight Grained Ash, Brown Finish, with Lettering in Gilt; White Taped Handle Imprinted "Official Soft Ball".

Per Dozen

No. 20A—OFFICIAL SOFT BALL; Length 33 in., Assorted Weights $22.50

Two Dozen in a Carton; Weight per Dozen about 23 lbs.

INDOOR BASE BALL BATS.

SIMMONS*

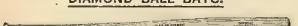
Good Grade Genuine Hickory, Light Walnut Finish Lettered in Gilt; White Taped Handle; Imprinted "Official Indoor".

Per Dozen

No. 25H—OFFICIAL INDOOR; Length 34 in.; Assorted Weights $12.00

Two Dozen in a Carton; Weight per Dozen about 25¾ lbs.

DIAMOND BALL BATS.



SIMMONS*

Choice Straight Grained Ash, Yellow Grain Finish; White Taped Handle, Imprinted "Official Diamond Ball".

Per Dozen

No. 19A—OFFICIAL DIAMOND BALL; Length 34 in.; Assorted Weights $24.00

Two Dozen in a Carton; Weight per Dozen about 23 lbs.

CORK BALL BATS.

Ash, Flame Burnt Finish; Particularly adapted for use in this Game.

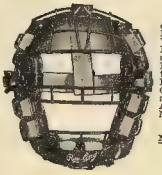
Per Dozen

No. CB2—CORK BALL; Assorted Lengths and Weights $6.75

Six Dozen in a Crate; Weight per Crate about 72 lbs.

CATCHERS' MASKS.

RAWLINGS.



New Style Frame, Finished in Dull Non-glare Black; Heavy Electric Welded Wire, reinforced across Front; Full Vision; All-around Soft Glove Leather Pads, Hair Filled and laced to Frame with New Type Lacing; Padded Chin Piece; Green Sun Shade; Adjustable Elastic Head Straps; An Extra Strong, Safe Mask.

Each

No. 200—"SPECIAL LEAGUE" SUN SHADE PATTERN; Weight each about 2¼ lbs. $11.25

One in a Carton.

Electric Welded Wire Frame, Dull Black Finish; Soft Leather Side Pads, Hair Filled and Laced on; Elastic Back Head Strap.

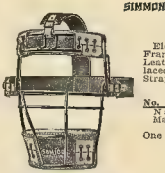
Each

No. 73—"BOYS"; A Junior Number; Weight each about 1 lb. $3.00

Twelve in a Carton.

SOFT BALL MASKS.

SIMMONS*



Electric Welded Heavy Wire Frame, Dull Black Finish; Leather Chin and Head Pads, laced on; Elastic Back Head Strap.

Per Dozen

No. SBM100—Adopted as National Soft Ball Mask $72.00

One in a Carton; Weight per Dozen about 13 lbs.

RAWLINGS.

A Light Weight, Strong, Durable and Safe Mask for Soft Ball.

Large, Open Vision Steel Frame, Finished in Non-glare Black; Extra Strong Crossbars; One Piece Soft Leather Hair-filled Pad laced to Frame with Special Leather Lacing; Heavy Chin Pad; Adjustable Elastic Head Straps.

Each

No. 65—For Soft Ball; Weight each about 1¼ lbs. $3.00

One in a Carton.

OFFICIAL SOFT BALL RULE BOOK.

APPROVED BY THE NATIONAL SOFT BALL ASSOCIATION.

This Handy Pocket Size Manual contains complete Rules and Instructions on how the game is played together with Diagrams and Instructions on how to lay out the Soft Ball Diamond and Playing Field.

Each

No. SBR—Handy Pocket Size; 32 Pages; Attractive Three-color Cover; Weight each about 2 ozs. $0.20

Packing—Loose.

—1855—

BASE BALL BATS.

SIMMONS SWATTER*.

MAJOR LEAGUE MODELS.

Hand Turned, Select, Second Growth Straight Grained Ash, Beautiful Bone Rubbed Water-proof Finish.

Large Barrel, tapering to Medium Handle and Large Knob.

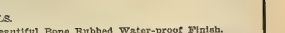
Per Dozen

No. 50R—Light Golden Finish; Lengths 33 to 36 in.; Assorted Weights.....$36.00

Extra Large Barrel, with Pronounced Taper to Medium Handle and Knob.

Per Dozen

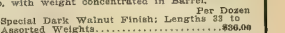
No. 50H—Light Golden Finish; Lengths 33 to 36 in., Assorted Weights $36.00



Extra Large Barrel, tapering to Medium Small Handle and Knob, with weight concentrated in Barrel.

Per Dozen

No. 50G—Special Dark Walnut Finish; Lengths 33 to 36 in.; Assorted Weights.....$36.00



Large Barrel, tapering to Thin Handle, with Large Knob.

Per Dozen

No. 50F—Light Walnut Finish; Lengths 33 to 36 in.; Assorted Weights.....$36.00

SIMMONS LEADER*.

Hand Turned Second Growth Straight Grained Ash, Bone Rubbed Waterproof Finish.

Large Barrel, Tapering to a Thin Handle, Tape Wrapped, with Large Knob.

Per Dozen

No. 60—Special Dark Walnut Finish; Lengths 32 to 36 in.; Assorted Weights.....$15.00

Each Bat in a Paper Bag; One Dozen in a Carton. Weight per Carton about 32 lbs.

LOUISVILLE SLUGGER

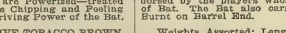
POWERIZED AND BONE RUBBED.

These Bats are Hand Turned from Best Quality Selected Ash and Carefully Inspected at every operation to insure the finest finished product; They are Powerized—treated by a Special Process that reduces Chipping and Peeling to a minimum and increases the driving Power of the Bat.

The Finish is a very ATTRACTIVE TOBACCO BROWN.

The Bats listed below are Authentic Reproductions in Contour, Balance and Proportion of Bats used and endorsed by the players whose name follows the number of Bat. The Bat also carries the signature of Player Burnt on Barrel End.

Weights Assorted; Lengths Assorted 33 to 36 in.



Per Dozen

No. 40MO—MEL OTT MODEL; Large Barrel, with very Gradual Taper to Medium, Small Handle and Large Knob $63.00

No. 40MM—JOE "MICKEY" MEDWICK MODEL; Large Barrel with very Gradual Taper to Small Handle and Large Knob.....$3.00

No. 40PW—PAUL WANER MODEL; Medium Barrel with Gradual Taper to Medium Handle and Medium Knob $3.00

No. 40LG—LOU GEHRIG MODEL, Medium Barrel tapering to Medium Handle and Medium Knob with Weight concentrated in the Barrel.....$3.00

No. 40AS—AL SIMMONS MODEL; Small Barrel tapering slightly to Large Handle and Large Knob.. $3.00

No. 40BR—BABE RUTH MODEL; Large Barrel tapering to Medium Handle and Large Knob..... $3.00

Per Dozen

No. 40JC—JOE CRONIN MODEL; Medium Barrel with straight taper to Medium Handle and Medium Large Knob $63.00

No. 40/CK—CHUCK KLEIN MODEL; Extra Large Barrel with gradual taper to Small Handle and Small Knob $3.00

No. 40RH—ROGERS HORNSBY MODEL; Extra Large Barrel with pronounced taper to Medium Handle and Medium Knob with weight concentrated in the Barrel $3.00

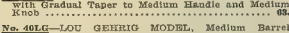
No. 40JF—JIMMY FOXX MODEL; Large Barrel tapering to Medium Handle and Large Knob..... $3.00

No. 40PM—PEPPER MARTIN MODEL; Large Barrel with gradual Taper to Medium Handle and Large Knob $3.00

No. 40DT—BILL TERRY MODEL; Large Barrel with gradual taper to Medium Handle and Large Knob. $3.00

Each Bat in a Paper Bag; One Dozen in a Carton.

HILLERICH & BRADSBY



Fine Quality Ash, Golden Finish, Highly Polished; Taped Handle; "League Regulation" burnt on barrel end; Assorted Models.

Per Dozen

No. 13—KING OF THE FIELD; Lengths 32 to 35 in.; Assorted Weights; Weight per dozen abt. 28 lbs..$24.00

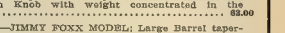
Each Bat in a Paper Bag; One Dozen in a Carton.

Good Quality Ash, Lemon Color Finish, with Flame Burnt Spots; Assorted Models.

Per Dozen

No. 8—CHAMPION; Lengths 32 to 35 in.; Assorted Weights; Weight per dozen about 28 lbs.....$12.50

One Dozen in a Carton.



Good Quality Hardwood, Golden Finish.

Per Dozen

No. 4—JUNIOR LEAGUE; Youth's Size, 32 in.; Weight per carton about 40 lbs.....$6.75

Two Dozen in a Carton.

Hardwood, Golden Finish.

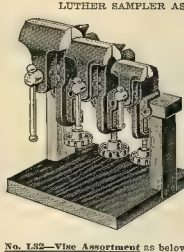
Per Dozen

No. 02—HILLERICH'S CRACKER JACK; Boy's Bat; Length 25 in.; Weight per carton about 50 lbs...$6.30

Three Dozen in a Carton.

VISES.

LUTHER SAMPLER ASSORTMENT.



All Vises in this Assortment are Well and Rigidly Constructed; Accurately Machined and Fitted; Close Grained Cast Iron Jaws; Anvil on Stationary Jaw; Heavy Steel Guide Construction; One Piece Feed Screw with Cross Bar; Attractive Green Baked Enamel Finish; Polished Jaws.

Complete with Attractive Wood Display Stand.

Per Assortment

No. L32—Vise Assortment as below; Weight per assortment about 17 lbs.....$8.65

ASSORTMENT CONSISTS OF:

1 No. V32 —2 in. Jaws, Open ⅞ in.
1 No. V32½—2½ in. Jaws, Open 2⅛ in.
1 No. V32 —3 in. Jaws, Open 3⅛ in.
1 Display Stand.

One Assortment in a Carton.

HOME SHOP VISES.

RED ARROW—STATIONARY.

Cast Iron Frame, Attractively Finished in Red Enamel; Cold Rolled Steel Screw and Handle; Heavy Steel Sliding Beam; Well Designed Handy Anvil Back and Horn; Jaws for Holding Pipe and other Round Work.

Each

No. 30—Jaws 3 in. Wide, Open 3½ in.; Hold Pipe ¾ to 1¼ in.; Length Closed 10 in.; Weight each about 11 lbs.....$3.75

Packing—Loose.

VISES.

WILCOX.

WOODWORKERS' RAPID ACTING.

To Set Flush with Bench; Two Cold Rolled Steel Slide Guides; Steel Screw working between; Phosphor Bronze Nut which engages Entire Circumference of Screw and Operates Entire Length; No Pawls, Racks or Triggers to break or wear. The Nut is released and completely disengaged when pressure on work is removed by a slight reverse movement of the Handle, and Vise can be moved Backward or Forward without using Screw; No Backing or Cutting of Threads; When pressure is applied, it causes the Nut to engage and lock on the Screw more firmly, and is not held in position by any external mechanism; Screw is Cut with Single Thread, 4 to an inch, with sharp pitch; Jaws are of best gray Iron, with Working Surfaces Ground and Finished; Front Jaw Fitted with Brass Stop; Polished Hardwood Sliding Handle.

Each

No. 430/S/1—JAWS 7 IN. WIDE, 4 in. Deep, Open 10 in.; 1 in. Screw; Weight each about 33½ lbs.....$19.50

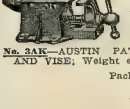
No. 430/S/2—JAWS 10 IN. WIDE, 5 in. Deep, Open 12 in.; 1 in. Screw; Weight each about 39½ lbs.....22.50

Packing—Loose.

COMBINED ANVILS AND VISES.

KLICKER*

AUSTIN PATTERN.



Hardened Face and Jaws; Sliding Steel Lever Handle; 3 in. with Parallel and Pipe Jaws; Jaws open 4½ in.; Face of Anvil 2x7 in.

Each

No. 3AK—AUSTIN PATTERN; COMBINED ANVIL AND VISE; Weight each about 24 lbs.....$6.00

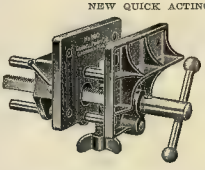
Packing—Loose.

VISES.

GOODELL—PRATT.

CARPENTERS.

NEW QUICK ACTING



Built to clamp to the corner of bench or table up to 1⅞ in. Thick; Will hold work horizontally or vertically; Countersunk Screw Holes permit facing Jaws with Wood

QUICK ACTING FEATURE—Work is tightened in Vise by placing piece between jaws and pushing movable jaw in as far as possible and making a quarter or half turn on clamp handle. To release—unscrew clamp handle a quarter or half turn, raise quick action lever at left and pull out movable jaw.

Malleable Iron Jaws, Enameled Red and Black; Horizontal Jaws 5¼ in. Wide, Vertical Jaws 4 in. Deep; Open 3½ in.; The Movable Jaw is carried on Twin Steel Rods and a Square Steel Rod, on which the Ratchet Controlling the Quick Action is cut; The Quick Action Ratchet Pawl is controlled by a Lever back of the fixed Jaw at left; Length over all 8½ in.

Each

No. 800—Weight each about 5 lbs.....$5.55

One in a Carton.

SOLID BOX; BLACKSMITHS'.

Forged Steel Body, Jaws and Hinge Plate, Japanned Finish; Malleable Iron Bench Plate; Malleable Box, Japanned; Polished Steel Screw and Sliding Lever Handle; Steel Spring between Jaws.

Nos.	35	50	70
Width of Jaws, inches	3⅝	4⅞	5¾
Jaws Open, inches	3½	4⅞	5¾
Height, inches	40	41	41
Weight each, lbs	35	50	70
Each	$15.75	18.75	30.00

Packing—Loose.

PIPE VISES.

Malleable Iron Frame and Base, Japanned Finish; Polished Steel Sliding Handle and Screw; Hardened Jaws, with Milled Teeth; Two Lower Jaws Stationary and One Upper Jaw Movable; Holes in Base to Screw to Bench; With Hinged Joint on One Side to Open Vise; Malleable Iron Latch holds Frame Rigid when closed.

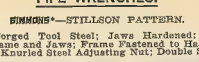
Nos.	0E	1E	3E
For Pipe, in	⅛ to 1¼	⅜ to 2	⅛ to 3½
Height over all, in	7⅝	9¼	11
Length of Sliding Handle, in	5	6	8¾
Size of Base, in	3⅝x4⅝	4¼x5⅝	4½x6⅛
Weight each about, lbs	3	4	8¼
Each	$5.55	9.50	16.65

Packing—Loose.

PIPE WRENCHES.

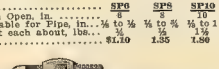
SIMMONS*—STILLSON PATTERN.

Drop Forged Tool Steel; Jaws Hardened; Polished Shank, Frame and Jaws; Frame Fastened to Handle with Steel Pin; Knurled Steel Adjusting Nut; Double Springs.



BRONIZED HARDWOOD HANDLES through which Shank Extends and Fastened with Polished Steel Nut on End.

Nos.	SP6	SP8	SP10	SP14
Length Open, in.	6	8	10	14
Adjustable for Pipe, in.	⅛ to ½	⅛ to ⅝	⅛ to 1	¼ to 1½
Weight each about, lbs.	½	½	1⅛	2½
Each	$1.10	1.35	1.80	2.45

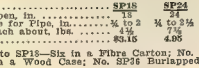


STEEL HANDLES.

Nos.	SP18	SP24	SP36
Length Open, in.	18	24	36
Adjustable for Pipe, in.	¼ to 2	¼ to 2½	½ to 3½
Weight each about, lbs.	4¾	7⅛	15
Each	$3.15	4.05	6.85

Nos. SP6 to SP18—Six in a Fibre Carton; No. SP24—Six in a Wood Case; No. SP36 Burlapped.

TRIMO-ALLOY.



Forged Trimo-Alloy Steel Handle and Jaws; Pressed Steel Frame and Nut Guards; Polished and Hardened Jaws, Frame and Inserted Jaws; Knurled Nuts; Japanned Handle; Inserted Jaw and Frame fastened to Handle by Movable Steel Pin.

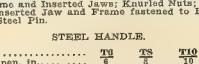
STEEL HANDLE.

Nos.	T6	T8	T10	T12
Length, Open, in.	6	8	10	12
Adjustable to Pipe, in.	⅛ to ½	⅛ to ¾	⅛ to 1	⅛ to 1¼
Weight each about, lbs.	½	¾	2	2½
Each	$1.30	2.20	2.85	3.25
	1.70	1.85	2.55	3.00

Nos.	T14	T18	T24	T36
Length, Open, in.	14	18	24	36
Adjustable to Pipe, in.	¼ to 1½	¼ to 2	¼ to 2½	½ to 3½
Weight each about, lbs.	2	5	8	16
Each	$3.85	5.50	8.50	15.00
	3.45	4.85	7.50	13.35

Nos. T6 to T24, Six in a Paper Box; No. T36, Packed Loose.

RIDGID.



Solid One-Piece Special Forged Steel Housing and Handle; Alloy Steel Hook Jaw, Hardened Throughout; Removable Rear Jaw; Knurled Steel Adjusting Nut.

The Housing is Unconditionally Guaranteed by the Maker against breakage or distortion and will be replaced without charge. A Cast-in Pipe Scale on Hook Jaw for setting Wrench for various sizes of Pipe; The Adjusting Nut being free will be greatly appreciated in the larger sizes.

BLACK ENAMELED, WITH POLISHED JAWS.

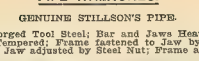
Nos.	Length Open, inches	For Pipe, inches	Weight each about, lbs.	Each	
R6	6	⅛ to ½	½	$1.90	$1.80
R8	8	⅛ to ¾	¾	2.20	2.10
R10	10	⅛ to 1	1⅛	2.55	2.05
R14	14	¼ to 1½	3¼	3.85	3.60
R18	18	¼ to 2	5	5.50	5.10
R24	24	¼ to 2½	8¼	8.50	7.95

One-half Dozen in a Carton.

PIPE WRENCHES.

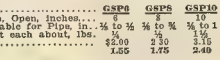
GENUINE STILLSON'S PIPE.

Drop Forged Tool Steel; Bar and Jaws Heat Treated and Oil Tempered; Frame fastened to Jaw by Movable Steel Pin; Jaw adjusted by Steel Nut; Frame and Shank Polished.



Shank extends through Polished Steel Ferrule and Handle and Screws in Polished Steel Cap at end; Single Spring; Red Lacquered Hardwood Handle.

Nos.	GSP6	GSP8	GSP10	GSP14
Length, Open, inches	6	8	10	14
Adjustable for Pipe, in.	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1¼
Weight each about, lbs.	¾	½	1½	2⅛
Each	$2.60	2.30	3.15	4.05
	1.35	1.75	2.40	3.30

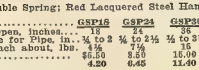


Double Spring; Red Lacquered Steel Handle.

Nos.	GSP16	GSP24	GSP30	GSP48
Length, Open, inches	18	24	36	48
Adjustable for Pipe, in.	¼ to 2	¼ to 2½	½ to 3½	1 to 5
Weight each about, lbs.	4½	7½	15	24
Each	$5.50	8.50	15.00	25.00
	4.20	6.45	11.40	18.90

Nos. GSP6 to GSP24, Six in a Wood Case; Nos. GSP36 and GSP48, Packed Loose.

WALCO.



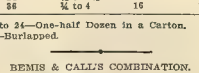
These Wrenches are Strong and Durable and will withstand the abuse and use encountered by tools under constant heavy service; They operate smoothly and are easily taken apart; Teeth can be quickly reground with an emery wheel to restore their original sharpness.

Drop Forged from High Carbon Tool Steel, Accurately Heat-treated for Endurance and Strength; Jaw Threads are round created to resist damage and danger of Jamming, New Design Teeth Scientifically Heat-treated; Alloy Steel Spring provides Double Action.

Nos.	Length Open, inches	Takes Pipe, inches	Weight each inches, lbs.	Each	
6	6	⅛ to ½	¼	$1.90	$1.65
8	8	⅛ to ¾	½	2.20	1.85
10	10	⅛ to 1	1⅛	2.85	2.40
14	14	¼ to 1½	2¼	3.85	3.30
18	18	¼ to 2	4½	5.50	4.65
24	24	¼ to 2½	8	8.50	7.20
36	36	¾ to 4	16	15.00	12.60

Nos. 6 to 24—One-half Dozen in a Carton.
No. 36—Burlapped.

BEMIS & CALL'S COMBINATION.



Forged from Tool Steel; Polished Shank, Nut and Hardened Jaws; Extra Steel Grip, with Teeth on one end of Jaw for Pipe; Shank extends through Ferrule and Handle and Screwed to Cap at end; Polished Ferrule and Cap; Polished Hardwood Handle.

Bright, with Long Nut.

Nos.	4512	4515
Inches	12	15
Adjustable to Pipe, in.	⅛ to 1¾	⅛ to 2¼
Weight per dozen about, lbs.	38	54
Per dozen	$80.40	107.25

One-half Dozen in a Wood Box.

MARX TOYS.

BALL GAME.

AMERICAN SKILL.

Constructed of 20 gauge cold rolled automotive steel; Attractively colored in red and blue, with a hard baked enamel finish.

Has 11 holes with numbers marked ranging from 10 to 100.

Three Enameled Wood Balls 1¼ inches in diameter come with each Game.

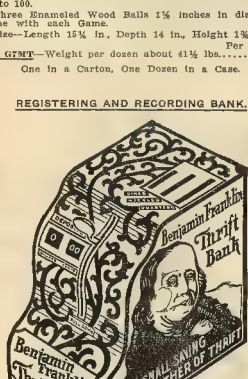
Size—Length 15¾ in., Depth 14 in., Height 1⅜ in.

Per Dozen

No. G7MT—Weight per dozen about 41½ lbs.....$21.60

One in a Carton, One Dozen in a Case.

REGISTERING AND RECORDING BANK.



A registering and recording bank for nickels, dimes and quarters. It indicates and registers the deposit of each coin, to the amount of $10.00, when a door opens permitting withdrawal of deposits.

The action, which has been developed over several years, is further improved by a change in the coin slots, whereby thin dimes and other thin coins, will not stick in the coin slot.

The Bank is attractively lithographed in red, black, green and gold, showing Benjamin Franklin—also a bank door design.

A bell rings with each deposit in the bank, once for nickel, twice for dime, five times for quarter.

Directions for operating the Bank are printed on the box.

Bank measures 4 in. High, 4 in. Deep, 2½ in. Wide.

Per Dozen

No. 729MT—Weight per dozen about 7½ lbs.....$12.00

Four Dozen in a Carton.

MARX TOYS.

REGISTERING BANK.

TWO COIN.

This registering Bank records and indicates the deposit of either nickels or dimes. When $10.00 has been deposited the door opens at side of Bank allowing the deposits to be withdrawn. Lithographed in bright red, black and gold.

Size—3¼ in. High, 2¼ in. Deep, 2⅝ in. Wide.

Per Dozen

No. 724MT—Weight per dozen about 6 lbs. $6.00

One in a Carton; Six Dozen in a Case.

REGISTERING BANKS.

UNCLE SAMS.

3—COIN REGISTER BANK.

Made of Cold Rolled Steel, Well and Substantially Constructed, Finished in Red Enamel with Attractive Gold Decorations; Locks and unlocks Automatically. No keys to lose or misplace; Foolproof and absolutely Guaranteed for perfect mechanism.

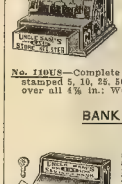
Holds $50.00 Total; Opens at every $10.00, Rings up every deposit—5 Rings for Quarters, 2 Rings for Dimes, One Ring for Nickels; Also takes pennies without registering. Has Hole in Bottom for depositing Bills; The first 25¢ deposited Locks bank; Lever must be pulled down after each coin.

Per Dozen

No. 501S—Base 4½x5⅝ in.; Height over all 6¾ in.; Weight per dozen about 30 lbs.....$30.00

CASH REGISTERS.

UNCLE SAMS.



Real Cash Registers for Kids that want to play store; The tiniest tot can operate it; They are educational and highly entertaining.

Well constructed of All Steel, finished in Enamel; Gold Decorations; Black Enamel Plush Pieces; Has Five Levers—$1, 50, 25, 10 and 5; Amount Registered flashes up through square opening and drawer opens; As soon as drawer is closed Lever returns into place and amount recorded disappears.

Per Dozen

No. 110US—Complete with Make-believe metal money stamped 5, 10, 25, 50 and $1; Base 4¾x5⅝ in.; Height over all 4⅞ in.; Weight per dozen about 12 lbs..$24.00

BANK AND REGISTER.

UNCLE SAMS.

These Banks and Registers are amusing as well as useful; In addition to being used as a cash register they have a Real Lock and Key Bank in the back where real money can be deposited; Slot in top for coins up to 25¢.

Well constructed of All Steel, finished in Enamel; Gold Decorations; Black Enamel Plush pieces; Has Five Levers—$1, 50, 25, 10 and 5; Amount Registered flashes up through square opening and Drawer opens; As soon as drawer is closed Lever returns into place and amount recorded disappears.

Per Dozen

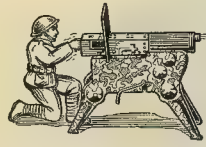
No. 115US—Complete with Make-believe Metal Money Stamped 5, 10, 25, 50 and $1; Base 4¾x5⅝ in., Height over all 4⅞ in., Weight per dozen about 31 lbs. $36.00

One in a Package.

—1983—

MARX TOYS.

CLICKING MACHINE GUNNER.



Attractively lithographed replica of a modern machine gun with a soldier behind firing guard. Has a handle on the side which, when turned repeatedly, makes a clicking sound like firing bullets out of a machine gun. Handle can be turned forward or backward.

Size—5½ in. Long, 3½ in High, 1½ in. through center.

Per Dozen

No. 7MT—Weight per dozen about 3 lbs.....$2.40

One Dozen in a Carton, Six Dozen in a Case.

PLAYBOY GUN.

Gun is 23 in. long, shaped in proportion to a real machine gun in thickness and design.

A real rat-tat-tat Machine Gun; Replica of modern type of Machine Gun, mounted on a tripod; Equipped with a heavy clock-work motor; Has a release in the handle which, when pressed alternately starts a noise like a machine gun, at the same time throwing long sparks out of front of gun.

Very realistic, entirely new and real action.

Per Dozen

No. 499MT—Weight per dozen about 18 lbs.....$25.20

One in a Carton.

No. 1RF—Refills for No. 499MT Playboy Guns 2.40

One Dozen Refills in a Carton.

HUMMING TOP.

TOP VIEW

A humming top in large model with brightly lithographed top half in orange, light and dark blue, white and black—"Fortune Telling" design with varnish over all. Bottom half is in orange.

Winder is a metal one with music wire spring and makes top hum and sing for a long time.

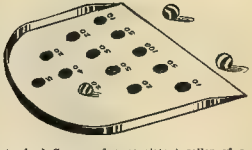
Diameter of top 3⅛ in.; Height 3¼ in.

Per Dozen

No. 245MT—Weight per dozen about 2½ lbs.....$2.40

One Dozen in a Carton; Three Dozen in a Case.

MARBLE GAME.



A standard Game and a consistent seller of a Skill Ball Game.

Made of 20 gauge automotive steel; Finished in a bright red hard baked enamel finish.

Has 13 holes through the base that are numbered from 5 to 100, so that score can be made by rolling the marbles into the holes; Comes complete with Three "Glassie" marbles.

Size—7x8⅝ in.; Height ⅞ in.

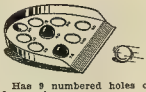
Per Dozen

No. 6MT—Weight per dozen about 7½ lbs.....$2.70

One in a Carton, Three Dozen in a Case.

BALL GAME.

AMERICAN SKILL.



Fascinating game of Skill.

A continuous staple seller.

Is constructed of heavy 20 gauge automotive steel.

Finished in red baked enamel.

Has 9 numbered holes on the base which are used for scoring.

When the wood balls, of which three are supplied with the Game, are rolled up on to the Board they of course are used for scoring.

Size—8¾x10 in.; Height 1⅞ in.

Per Dozen

No. 6MT—Weight per dozen about 16 lbs.....$6.00

One in a Carton; Three Dozen in a Case.

A standard popular Game played by both girls and boys as well as the grown-ups.

It is made of heavy 20 gauge cold rolled steel; Attractively colored in red, black and blue in a hard baked enamel finish.

The Board has eight holes, numbered from 10 to 100 which are used for scoring.

Complete with three 1⅞ in. wood balls, enameled in three different colors.

Size—12 in. Long, 12 in. Wide, 1¾ in. High.

Per Dozen Sets

No. 6MT—Weight per dozen about 20 lbs.....$12.00

One Set in a Carton, Two Dozen Sets in a Case.

—1980—

MARX MECHANICAL TOYS.

TRACTOR, PLOW AND WAGON.

Length of Tractor with Plow attached 10¼ in.; Height to top of man 5⅛ in.; Width of Tractor 2⅜ in.; Width of Plow 5½ in.

Tractor is equipped with sure-grip rubber treads and clock spring; Attractively lithographed in red with blue wheels.

Wagon is 5⅝ in. Long, 3⅜ in. Wide, 3½ in. High, attractively colored; Wood Wheels.

Tractor is typical farm and industrial tractor as seen throughout country. Has farmer in seat. Will climb up steep grades with or without wagon attached.

Wagon can be loaded with blocks or other small articles.

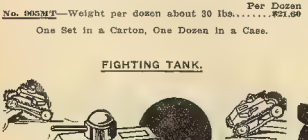
Length over all 18¼ in.

Per Dozen

No. 995MT—Weight per dozen about 30 lbs.....$21.60

One Set in a Carton, One Dozen in a Case.

FIGHTING TANK.



A Massive powerful climbing Tank equipped with strong clockwork motor, having sturdy rubber traction treads 1⅝ in. wide, which give it powerful traction when climbing over obstacles and up steep grade; Has brake for starting and stopping; Two turrets on side and three mounted cannons; Also has hook in back for pulling.

Size—9½ in. Long, 5 in. Wide, 5½ in. High.

Per Dozen

No. 1986MT—Weight per dozen 22 lbs..... ... $24.00

One in a Carton, Two Dozen in a Case.

MILK WAGON AND HORSE.

A Very Modern Type of Mechanical Milk Wagon with Horse; A miniature of a Standard Neighborhood Milk Wagon seen daily on the street. The Wagon is Attractively Lithographed with White Background, trimmed in Blue, Red, Yellow and Gray; Horse also is appropriately Lithographed.

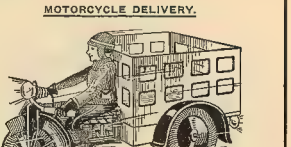
Wagon is 9 in. Long, 3½ in. Wide, 4½ in. High; Horse is 5 in. Long, 4½ in. High.

Per Dozen

No. 315MT—Weight per dozen about 9 lbs.....$8.00

One in a Carton; Two Dozen in a Case.

MOTORCYCLE DELIVERY.



With Electric Headlight and Tail-light operated by Two Standard Flashlight Batteries and Lever for Controlling them. (BATTERIES NOT INCLUDED).

Attractively Lithographed Motorcycle and Delivery Body with Uniformed Driver; Equipped with a Strong Spiral Spring Motor that drives the toy quite a distance.

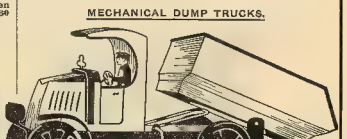
Size over all—10 in. Long, 4⅞ in. Wide, 5¾ in. High; Delivery Body 4⅛x2¾x2½ in.

Per Dozen

No. 4593MT—Weight per dozen 12 lbs.....$12.00

One in a Carton; Two Dozen in a Case.

MECHANICAL DUMP TRUCKS.



An attractively lithographed very large size dump truck; Has a strong spiral spring motor which cannot be over-wound; There is a lever which is used to lift the body of the truck which may be loaded with sand or other articles.

Size—13½ in. Long, 5 in. Wide, 5 in. High.

Per Dozen

No. 551MT—Weight per dozen about 20 lbs..... ..$12.00

One in a Carton, One and One-half Dozen in a Case

MECHANICAL TROLLEY CAR.

A replica of a trolley car seen daily on the streets throughout the country.

Attractively lithographed, equipped with a strong spiral spring motor. Also has an overhead trolley pole and an adjustment on the wheels making it possible to run the trolley straight or in a circle when wound.

Size—9½ in. Long, 2¼ in. Wide, 2⅝ in. High.

Per Dozen

No. 89MT—Weight per dozen about 6 lbs.....$6.00

Three Dozen in a Carton.

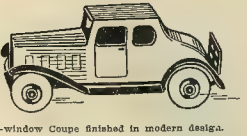
—1979—

PULL PATTERN.

MARX TOYS.

PULL PATTERN.

AUTO COUPE.



A 4-window Coupe finished in modern design.
Is equipped with a Trunk rack.
Has four black wood wheels with white discs.
Very attractive pull toy.
Made of heavy gauge steel.
Finished in baked enamel, assorted colors.

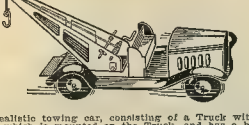
Size—6 in Long, 2⅞ in. Wide, 2⅝ in. High.

Per Dozen

No. T5MT—Weight per carton about 16 lbs.....$2.65

Three Dozen in a Compartment Carton.

AUTO WRECKER.



A realistic towing car, consisting of a Truck with a crane which is mounted on the Truck, and has a hand crank which can be used for towing other small trucks or automobiles.

Is fitted with four wood wheels with white discs.

Made of heavy 20 gauge steel throughout.

Attractively finished in red baked enamel.

Size—8 in. Long, 3⅛ in. Wide, 3½ in. High.

Per Dozen

No. T5MT—Weight per dozen about 6 lbs.....$2.65

One Dozen in a Carton; Three Dozen in a Case.

DELIVERY TRUCK.

An up-to-date Delivery Truck; It can be loaded with sand or wood blocks.

Made of 20 gauge steel throughout; Finished in bright red baked enamel.

Has Immense Play Value.

Size—6 in. Long, 2⅝ in. Wide, 2 in. High.

Per Dozen

No. T6MT—Weight per carton about 15½ lbs.....$2.65

Three Dozen in a Compartment Carton.

AUTO ASSORTMENT.

Per Assortment

No. T3S3MT—Assortment: Consists of One Dozen Autos —Four each Nos T5MT, T6MT and T3MT; Weight per assortment about 5½ lbs $2.65

One Assortment in a Carton; Three Assortments in a Case.

AUTO TRANSPORT.

WITH LIGHTS AND TWO BATTERIES.

A modern auto transport similar to those seen throughout the country, hauling cars from the automobile factories.

Constructed of heavy 20-gauge automotive steel, finished in a baked red and black enamel and equipped with balloon type rubber wheels, with metal discs on tires representing spokes.

The hauler, or the front end of the truck, is equipped with two headlights and two Junior Size batteries and has a switch for turning the lights on dim or bright.

The rear part of the transport has 2 individual rubber-tired steel coupes in assorted colors, each coupe measuring 6¼ in. Long, 2⅛ in. High and 2¾ in. Wide.

Size—23⅛ in. Long, 4 in. Wide, 4½ in. High.

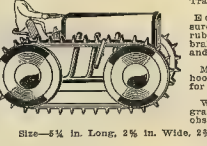
Per Dozen

No. 2100MT—Weight per dozen about 45 lbs.....$25.50

One in a Carton. One Dozen in a Case.

MIDGET CLIMBING TRACTOR.

SPRING MOTOR.



Attractively lithographed modern type of climbing Tractor.

Equipped with sure grip endless rubber belts. Has brake for starting and stopping.

Man in seat and hook at rear end for pulling.

Will climb a grade and run over obstacles.

Size—5¼ in. Long, 2⅝ in. Wide, 2¾ in. High.

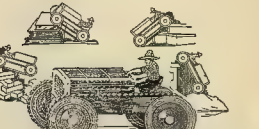
Per Dozen

No. 2400MT—Weight per dozen about 11½ lbs.....$9.00

One in a Carton; Three Dozen in a Case.

CLIMBING TRACTOR.

SPRING MOTOR



Lithographed in an Army Design, Khaki Color, with Red Army Markings on the Side. Equipped with Sure Grip Rubber Treads; Has a Very Powerful Spring Motor making it possible to climb up and down Steep Grades as well as Climb over many obstacles; Lever on Driver's Seat for Starting and Stopping.

Size 8¼ in. Long, 4 in. High, 3⅝ in. Wide; Height over all 5¼ in.

Per Dozen

No. 900MT—Weight per dozen about 15¾ lbs.....$14.40

One in a Carton; Three Dozen in a Case.

—1978—

PULL PATTERN

MARX TOYS.

PULL PATTERN.

All are Constructed of 20 Gauge Steel, very Attractively Finished in Bright Baked Enamel; New Streamline Pants Fender Front and rear; Very Realistic.

DELIVERY TRUCK.

Very latest streamline type of delivery truck; The last word in design; Has a drop door at rear end of truck which can be raised.

Finished in two colors.

Size—4⅝ in. Long, 2⅛ in. high to top of cab, 2 in. Wide.

Per Dozen

No. 91MT.—Weight per dozen about 6½ lbs.....$2.70

MOVING VAN.

Very attractively designed miniature Van; An exact replica of a delivery van; Equipped with four black wood wheels finished in baked enamel.

Size—5 in. Long, 2 in. High, 2¼ in. Wide.

Per Dozen

No. 92MT Weight per dozen about 6½ lbs.....$2.70

TANK TRUCK.

A miniature of gasoline Tank Truck; Very modern in design and is streamlined.

Very attractively finished in baked enamel; Has four black wood wheels.

Size—5⅛ in. Long, 3¼ in. High, 2⅛ in. Wide.

Per Dozen

No. 93MT—Weight per dozen about 6½ lbs.....$2.70

One Dozen in a Carton; Six Dozen in a Case

TOWN CAR.

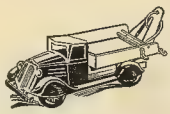
A very attractive modern designed Town Car, and is streamlined; Very attractively finished in baked enamel; Has four wood wheels.

Size—5⅛ in. Long, 2 in. High, 2⅛ in. Wide

Per Dozen

No. 95MT—Weight per dozen about 6½ lbs $2.70

AUTO WRECKER.



A small miniature Wrecker; With crane operated with a hand crank, and used to tow other small trucks or automobiles; Is an exact replica of tow wreckers as seen throughout the country.

Very modern in design, also four wood wheels; Attractively finished in red and green baked enamel.

Size—6 in. long to end of crane; 2¼ in. high to top of crane.

Per Dozen

No. 96MT—Weight per dozen about 6½ lbs.. .. .. $2.70

AIRFLOW CHRYSLER.

A miniature Airflow Chrysler, and an exact replica of the 1934 Airflow Chrysler Automobiles, it is streamlined in every detail.

Has four wood wheels attractively finished in red and black baked enamel with nickeled radiator and dummy headlights; Fitted with front and rear bumpers.

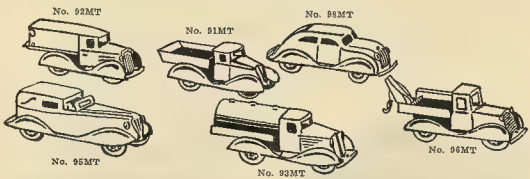
Size—5½ in. Long, 2 in. Wide, 2¾ in. High.

Per Dozen

No. 98MT—Weight per dozen about 6½ lbs. $2.70

One Dozen in a Carton, Six Dozen in a Case.

SMALL AUTO ASSORTMENT.



Per Assortment

No. 99MT—Auto Assortment Consists of Twelve Miniature Steel Autos—Two each Nos. 91MT, 92MT, 93MT, 95MT, 96MT and 98MT; Weight per assortment about 6¼ lbs.....$2.70

One Assortment in a Carton.

—1977—

PULL PATTERN.

MARX TOYS.

PULL PATTERN.

RUBBER TIRED STEEL STAKE TRUCK.

Constructed of heavy 20 gauge steel attractively finished in a two colored combination which is baked and enameled.

Equipped with balloon type rubber wheels with steel discs in center of wheels representing spokes.

Has Stake body that can be loaded.

Size—10 in. Long, 3¾ in. High, 3¾ in. Wide.

Per Dozen

No. 461MT—Weight per dozen about 18 lbs.. .....$6.60

RUBBER TIRED STEEL VAN.

Attractively made van with a tailboard that can be let down.

Van can be loaded from the rear end.

Finished in a 2-color combination which is baked and enameled.

Constructed of heavy 20 gauge automotive steel.

Equipped with balloon type rubber wheels with metal discs in center of wheels giving it the appearance of spokes.

Size—10⅝ in. Long, 4⅝ in. High, 3⅝ in. Wide.

Per Dozen

No. 462MT—Weight per dozen about 18 lbs.....$6.60

RUBBER TIRED STEEL DAIRY TRUCK.

A beautifully enameled and baked tank truck in a 2 color combination.

Constructed of 20 gauge automotive steel.

Equipped with balloon type rubber wheels with metal discs in center of wheels representing spokes.

Size—10¾ in. Long, 4½ in. High and 3⅝ in. Wide.

Per Dozen

No. 463MT—Weight per dozen about 24 lbs. $6.60

One in a Carton, Two Dozen in a Case.

RUBBER TIRED STEEL DUMP TRUCK.

Dump Truck has dump body with an automatic release for dumping body backward.

Finished in 2 attractive colors that are baked and enameled with chassis and cab of truck in one color combination.

The dump body in another color combination equipped with balloon type rubber tires with steel discs in center of wheel representing spokes.

Size—10 in. Long, 4 in. High and 3⅝ in. Wide.

Per Dozen

No. 464MT—Weight per dozen about 18 lbs.....$6.60

RUBBER TIRED STEEL SIDE DUMP CAR.

A modern type of Side Dump or Gravel Car.

The dump portion of the Truck can be emptied either to the right or to the left side of the Truck.

Constructed of 20 gauge automotive steel enameled and baked in 2 bright colors.

Equipped with balloon type rubber wheels with steel discs in center of wheels to represent spokes.

Size—10⅝ in. Long, 4¾ in. High, 3⅝ in. Wide.

Per Dozen

No. 465MT—Weight per dozen about 19 lbs. $6.60

RUBBER TIRED STEEL WRECKER.

Modern type of wrecking tow car which has a wrecking beam and a crank handle with a string running through the wrecking beam, a hook at the end of the string so that other cars can be taken in tow.

Attractively finished in 2 colors that are baked and enameled.

Constructed of 20 gauge automotive steel equipped with balloon type rubber wheels with steel discs in center of wheels representing spokes.

Size—Truck 9 in. Long, 3⅝ in. Wide, Height 3¼ in.; Length over all 11¼ in.

Per Dozen

No. 466MT—Weight per dozen about 18 lbs. $6.60

One in a Carton, Two Dozen in a Case

SIREN FIRE CHIEF AUTO.

Size—14 in. Long, 5¼ in. Wide, 4⅝ in. High.

A modern, bright red Fire Chief Auto, made of 20-gauge automotive steel, baked enamel finish, with lettering of the words "Fire Chief" on the sides of the car.

The toy is a pull toy until the friction siren motor is connected by a lever which then turns it into a friction motor, and when pulled along the siren operates continuously louder according to how fast the toy is pulled. This friction motor can be disconnected at will.

Car comes equipped with front and rear bumpers, as well as a trunk or tire rack at the rear end.

Per Dozen

No. 6560MT—Weight per dozen about 30 lbs.....$24.00

One in a Carton, One Dozen in a Case.

WATCHES.

PEGGY INGERSOLL

(Ingersoll-Waterbury Co.)

A Small, Smart Watch for Sportswear, for Nurses, or for any girl or woman wanting an inexpensive Watch.

CHROMIUM PLATED CASE, Size 1¼x1 in., 7/16 in. Thick; Silvered Dial with Gilt Numerals and Fancy Black Hands; Stem Wind and Set; Non-breakable Crystal; Fitted with Metal Band or Black Silk Cord.

	Each
No. 36—PEGGY INGERSOLL; Weight each about 2 ozs.	$5.00 $10.20

One in an Attractive Display Case, in a Carton.

OFFICIAL BOY SCOUT—INGERSOLL

The Dial of this watch is beautifully Colored and is very Attractive; The Hands are designed and colored to represent the Sign Posts the Scouts put up at Cross-roads; The Second Hand is a Gilt Insignia of the Boy Scout Organization and the Twelve Scout Deeds in their manual are represented by the numerals.

Satin Finish Chromium Plated Case 1¼ in. Long, 1¼ in. Wide, 7/16 in. Thick; Stem Wind and Set; Nicely Engraved Chrome Finish Metal Band.

	Each
No. 39—PLAIN DIAL	$3.50 $7.15
No. 40—RADIO DIAL	4.00 8.20

Weight Each about 3 ozs.

One in an Attractive Hinged Display Box, in a Cardboard Sheath.

WATCHES.

MICKEY MOUSE—INGERSOLL

(Ingersoll-Waterbury Co.)

The Dial of this Watch has an attractively colored reproduction of Mickey Mouse, whose moving hands tell the time; Three Small Colored reproductions of Mickey are also on the Revolving Disc Second Hand; Reproductions are Stamped also on Wrist Band.

Chromium Plated Metal Case, Size 0; Diameter 1¼ in.; 7/16 in. Thick; Stem Wind and Set; White Dial, with Mickey Mouse in Colors, and Black Figures and Lines; Non-breakable Crystal; Assorted Bands (Metal and Leather).

	Each
No. 81—MICKEY MOUSE; Weight each about 3 ozs.	$2.95 $5.15

THREE LITTLE PIGS—INGERSOLL

(Ingersoll—Waterbury Co.)

POCKET WATCH AND FOB.

This Watch has a Red Dial, with White Figures and Lines and Small Reproductions of the Three Little Pigs; Also a Large Reproduction of the Wolf's Head with Winking Evil Eye.

On the back of Watch is embossed a door, with the personal good luck message—in red—of Walt Disney—"May the Big Bad Wolf never come to your door."

Nickel Plated Case, Size 16; Diameter 2 in.; 5/16 in. Thick; Stem Wind and Set; Non-breakable Crystal; Tan Strap with Metal Fob.

	Each
No. 37—THREE LITTLE PIGS; Weight each about 3 ozs.	$1.50 $3.15

One in an Attractive Hinged Cover Carton.

MICKEY MOUSE—INGERSOLL

(Ingersoll-Waterbury Co.)

POCKET WATCH AND FOB.

The Dial of this watch has an attractively colored reproduction of Mickey Mouse, whose moving hands tell the time; Three Small Colored Reproductions of Mickey are also on the Revolving Disc Second Hand; A Picture of Mickey is stamped on back of watch and on the metal fob.

Nickel Plated Case, Size 16; Diameter 2 in.; 11/32 in. Thick; Stem Wind and Set; White Dial with Mickey Mouse in Colors, and Black Figures and Lines; Non-breakable Crystal; Tan Strap, with 1⅝ in. Nickel Plated Fob.

	Each
No. 80—MICKEY MOUSE; Weight each about 3 ozs.	$1.50 $3.15

One in an Attractive Hinged Cover Carton.

WATCHES.

THREE LITTLE PIGS—INGERSOLL.

(Ingersoll-Waterbury Co.)

This Watch has a Red Dial, with White Figures and Lines and Small Reproductions of the Three Little Pigs and Large Reproduction of the Wolf's Head, with Jaws wide open.

CHROMIUM PLATED METAL CASE, Size 0; Diameter 1¼ in.; ⅞ in. Thick; White Hands; Non-breakable Crystal; Stem Wind and Set; Chrome Finish Metal Link Band.

		Each
No. 42—THREE LITTLE PIGS; Weight each about 3 ozs.	$2.95	$6.15

One in an Attractive Hinged Cover Carton.

INGERSOLL—AERO.

(Ingersoll-Waterbury Co.)

These Smart, Thin, Streamline Design Watches are the smallest made to sell at the price.

Both Plain and Fancy Embossed Cases are Chrome Plated; Dependable Movement; Silver Dials with Black Numerals and Hands; Unbreakable Crystal; Can be furnished with Sweat-proof Leather Strap or Stainless Metal Ratchet Band.

Size 1⅛x1 in.; Thickness 5/16 in.

		Each
No. 60—FANCY EMBOSSED CASE	$2.95	$6.12

		Each
No. 65—PLAIN CASE	$2.95	$6.12

One in an Attractive Gift Box; Weight Each about 3 ozs.

WATCHES.

INGERSOLL—MAJOR.

(Ingersoll-Waterbury Co.)

An exceptionally Attractive Low Priced Watch of Commanding Value.

Chromium Plated Case; Silver Dial, with Etched Gilt Numerals and Black Hands; Non-breakable Crystal; Can be furnished with Link Bracelet or Leather Strap.

Size 1⅛x1 in.; Thickness ⅜ in.

		Each
No. 28—MAJOR; Weight each about 2 ozs.	$5.00	$10.20

One in a Beautiful Gift Box.

HANDBAG WATCHES.

WESTCLOX.

(Western Clock Co.)

This Smart, New Handbag Watch is Unique, Ultra-Modish, thoroughly practical and has irresistable feminine appeal.

It is primarily intended for Handbag use but can be quickly transformed into a Boudoir Clock by an ingenious Gold Plated Easel furnished with each watch.

Case 2¾ in. in Diameter, ⅝ in. Thick; Gold Plated Trimmings and Stand; Modernistic Hands; White Dial with Gold Plated Bezel and Inlaid Numerals.

		Each
No. 645—JET BLACK CASE	$2.95	$6.20
No. 646—WHITE FINISH CASE	2.95	6.20
No. 647—BLUE FINISH CASE	2.95	6.20

One in an Attractive Carton; Weight Each about ¼ lb.

WATCH AND CLOCK DEAL.

INGERSOLL—TWINS OF QUALITY.

This outstanding Blue, Black, Cream and Chromium Finish Metal Display is Furnished Free with each Deal and if given prominent position will sell as effectively as a Clerk.

		Per Deal
No. 924—DEAL CONSISTS OF SIX EQUINOX WATCHES No. 41 AND SIX DOLLAR ALARM CLOCKS No. 86, with Free Display Stand; Weight per deal about 11¾ lbs.		$37.72

One Deal in a Carton.

—2061—

‡ROLLER SHELF LADDERS.

MILBRADT'S.

These Ladders made of Selected Hard Wood, made to order, to fit any and all Styles of Shelving; Durable and Safe. Cannot Jump the Track; Run Noiselessly and Easily. All Metal Parts are of Malleable Iron Aluminum Bronze Finish.

Especially Intended for Shelving with a Wide Base Shelf; Suitable Fixtures at Top with Smoothly Turned Fibre Filled Wheels that run Noiselessly on Steel Track No. 8. (TRACK AND BRACKETS NOT INCLUDED); also has attached near lower end, Fork Shaped Arms with Rubber Covered Rolls to run against edge of Shelf.

BENT LADDER.

Each (Without Track)

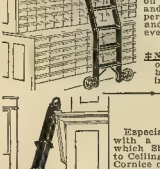
‡No. 1—Width 17 in; Width of Steps 3¼ in.; Height between Steps about 11 in. $63.75

BENT LADDER.

Especially adapted for Shelving that is not Strongly Built, with or without Base Shelf; Suitable Fixture at Top, with Smoothly Turned Iron Wheels for Track No. 2W (TRACK NOT INCLUDED); Also has attached at Lower End Suitable Fixtures with Rubber Tired Wheels that run on the Floor; The Fixtures and Wheels at Top of Ladder permit it to slide up and down and adjust itself to the unevenness of Floor.

Each (Without Track)

‡No. 2—Width 17 in.; Width of Steps 3¼ in.; Height between Steps about 11 in. $63.75

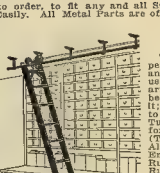


BENT LADDER.

Especially Intended for Shelving with a Wide Base Shelf and on which Shelving has been extended to Ceiling; When Top of Shelving or Cornice on Top of which Track is to be fastened is Reasonably Strong, this is the Best and Most Convenient way to apply a Ladder to this Style of Shelving and will be found perfectly satisfactory. Fixtures at Top with Smoothly Turned Iron Wheels for Flat Hardwood Track No. 10W (TRACK NOT INCLUDED). Also has attached near Lower End Fork-shaped arms with Rubber Covered Rollers to run against Edge of Base Shelf.

Each (Without Track)

‡No. 10—Width 17 in.; Width of Steps 3¼ in.; Height between Steps about 11 in..... $63.75



This Ladder runs independently of the Shelving, and is the Most Suitable to use when Shelving is not so arranged that Ladders can be conveniently applied to it; Suitable Fixtures attached to Top, with Smoothly Turned Paper Filled Wheels for Steel Track No. 15 (TRACK NOT INCLUDED); Also has attached at Lower End Suitable Fixtures with Rubber Tired Wheels that Run on the Floor (Floor Track Not Necessary).

TROLLEY OR CEILING LADDER.

Each (Without Track)

‡No. 15M—Width 14 in.; Width of Steps 4½ in.; Height between Steps about 11 in..... $63.75

INSTRUCTIONS FOR ORDERING LADDERS.

Nos. 1 and 2—Give Exact Height from Floor to Top of Base Shelf, Exact Width or Projection of Base Shelf and Exact Height from Top of Base Shelf to Top of Shelf to which Track is to be fastened (usually 3 ft. down from top).

No. 10—Give Exact Height from Floor to Top of Base Shelf; Exact Width or Projection of Base Shelf and Exact Height from Top of Base Shelf to Top of Shelving or Cornice on Top of which Track is to be fastened. Also how much the Cornice or Moulding on Top of which Track is to be fastened, Projects out over Lower Part of Shelving.

Nos. 15M and 16—Give Exact Height from Floor to Ceiling.

‡SHELF LADDER TRACK.

Per Foot

‡No. 8—STEEL; 1 in. in Diameter; For No. 1 Ladder; Complete with Brackets and Screws. $1.15

‡No. 2W—SPECIAL HARD WOOD; For Nos. 2 and 10 Ladders Complete with Screws. .95

‡No. 13—STEEL; 1 in. in Diameter; For No. 15M Trolley Ladder; Complete with Brackets and Screws..... 1.15

Crated in any Quantity; Weight per Foot about 1 lb.

Ladder is 13 in. Wide; Steps 5 in. Wide; Height between Steps 11 in.; Open Panel Sides 5 in. Wide. Track is Double Angle Steel Rail 2½ in. Wide; Trolley is provided with 3 in. Anti-Rattler Wheels, with Rubber Tires.

‡MYERS' TROLLEY ROLLING SHELF LADDERS.

Prices do not include Track.

Each

‡No. 15—Myers' Georgia Pine Ladders, with Malleable Iron Fixtures; Complete with Trolley and Rubber Tired Floor Wheels $61.50

‡SHELF LADDER TRACKS.

Per Foot

‡No. 16—Myers' Steel Track 2½ in. Wide, Complete with Hanging Hooks; Diameter ⅛ in. $0.85

Crated in any Quantity; Average Weight per Ladder about 50 lbs.

INSTRUCTIONS:

In ordering give following Measurements: Entire Length of Track required; Height of Ceiling from Floor.

‡Goods marked thus , (‡) are not carried in stock and can only be furnished by shipment direct from factory.

COOKERS.

FOR WATERLESS COOKING.

PRINCESS—AUTOMATIC.

Will Cook an Entire Meal over One Burner, including Vegetables and Desserts.

Even the Cheaper Cuts of Meat and all other Food are more Tender and much more Digestible—less shrinkage and no Loss of Flavor.

By ordinary Cooking Methods a large part of the Food Value is Boiled into Liquids and Wasted—down the Kitchen Sink.

Foods prepared in this Cooker, in their own Vapors and Juices retain all Food Values—Salts, Minerals and Vitamines.

The Methods of Using are Simple—no danger of Scorching or Burning.

Heavy Steel Base with Rolled Bottom, Air Insulated to insure distribution of Heat.

Seamless Aluminum Top, Rolled Edge, Riveted Tinned Steel Handles.

Self-basting Aluminum Dome Cover, with Tinned Steel Spring Clamps and Lifting Handle.

Dome Cover, when Clamped down into shoulder recess makes Steam-tight Seal.

WITH TWO 3 QUART HALF MOON ALUMINUM PANS AND HEAVY STEEL RETINNED WIRE RACK.

Each

No. 558N—Capacity 9 Quarts; Diameter 11¼ in.; Height over all 9¼ in., Weight each about 5½ lbs.....$7.50

One in a Carton.

PRESSURE COOKERS.

NATIONAL.

These Cookers have every advantage of Fireless Cooking, Waterless Cooking, Steam Cooking and the old fashioned method of Cooking, plus a saving of two-thirds in time and gas and the saving of the Health-building Minerals and Vitamines in food.

They cook thoroughly, quickly and without waste and preserve all the flavors and goodness of the food. Three separate dishes of entirely different food can be cooked at the same time without the flavors blending.

The cheapest and toughest cuts of meat become tender and tasty when cooked with Onions, under pressure in a National Cooker.

Can be used on Gas, Oil, Wood or Electric Stoves.

Each one Tested and Fully Guaranteed.

For Cold Pack Canning—No. 113 will hold 7 Pints or 4 Quarts; No. 118—8 Pints or 5 Quarts and No. 125—18 Pints or 7 Quarts.

BODY AND COVER—Pure Cast Aluminum, Carefully Machined inside and outside, Buffed and Polished; Wood Knobs on Cover; Side Handles, with Wood Grips.

LOCKING BOLTS AND WING NUTS—Rolled, Hardened Brass, Nickel Plated and Polished.

SAFETY CONTROL VALVE—Controls and Regulates Pressure. Nickel Plated and Polished.

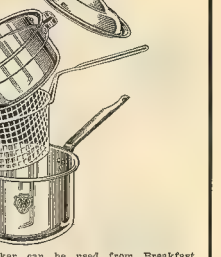
STEAM GAUGE—In Nickel Plated and Polished Case; Tested up to 30 lbs. Steam Pressure.

Complete with One Set (3) Highest Grade Aluminum Pans, Adjustable Rack, Cross Pieces, etc.; Also Complete Instructions and Recipe Book.

Nos.	112	118	125
Capacity, Quarts	12	18	26
Inside Diameter, inches	10	11½	12½
Interior Height, inches	9	10¼	11¾
Weight each about, lbs.	17	23	28
Each	$24.00	30.00	36.00

One in a Carton.

COMBINATION COOKERS.



This 4-Way Cooker can be used from Breakfast Cereals to Evening Meal Desserts,

As a Double Boiler, Casserole, Covered Sauce Pan and French Fryer.

Made of Substantial Weight Aluminum Throughout, and Nicely Polished.

Upper Pan or Casserole, 2 Quarts with Flat Riveted Side Handles.

Lower Pan—3 Quarts, with Tinned Steel Handle, Riveted

Tinned Wire 3 Quart French Fryer, with Heavy Wire Handle.

Cover Fits both Upper and Lower Pan—with No-burn Plastic Knob.

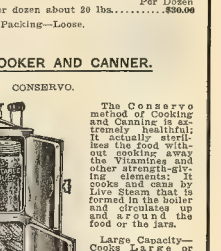
Per Dozen

No. 2232—Weight per dozen about 20 lbs.....$30.00

Packing—Loose.

STEAM COOKER AND CANNER.

CONSERVO.



The Conservo method of Cooking and Canning is extremely healthful; It actually sterilizes the food without cooking away the Vitamines and other strength-giving elements; It cooks and cans by Live Steam that is formed in the boiler and circulates up and around the food or the jars.

Large Capacity—Cooks Large or Small Meals without mingling flavors; Holds 14 One Quart Jars; Saves time and Fuel—Requires only One Burner, will not heat up the Kitchen.

Needs no attention; Nothing can burn; Food Flavors are improved, meats made tender; No chance of boiling over or cooking away; It makes the best use of the Popular Cold Pack Method of Canning.

Heavily Tinned Tin Plate Body; Seamless Copper Water Tank; Hinged Doors with Turn Buckles; Wire Carrying Handles, with Wood Grips.

Complete with Four Removable Tinned Wire Shelves, One Square Tin Pan, Water Tube, Whistle and Large Illustrated Cook Book.

Each

No. 20—Size—21½ in. High, 11⅜ in. Wide, 11⅜ in. Deep; Shipping Weight each about 13 lbs.....$20.00

One in a Carton

CAST STOVE HOLLOW WARE.

BLACK JAPANNED OUTSIDE.

CAST IRON, UNGROUND INSIDE.

TEA KETTLES.

Wood Handle, with ⅝ in. Coppered Wire Bail, with Black Enameled Bail Wood.

	Each
No. 288—Standard Capacity, 6 quarts; Diameter at Top, 5½ in., Weight each about 3½ lbs.	$2.85

Packed Loose.

‡KETTLES.

Maslin Shaped, With Rings.

	Each
‡No. 3012—Standard Capacity 12 quarts; Diameter Top 12¾ in.; Depth 6⅝ in.; Weight each about 12 lbs.	$6.75

Ten in a Crate.

CAST IRON, GROUND INSIDE.

BLACK JAPANNED OUTSIDE.

ROUND BOTTOM POTS.

With ⅝ in. Coppered Wire Bail.

	Each
No. 128—Standard Capacity qts.; Diameter Top, 9⅜ in.; Weight each about 5½ lbs.	10⅛ $3.45

Packed Loose.

ROUND BOTTOM KETTLES.

With ⅜ in. Coppered Wire Bail.

Nos.	137	138
Standard Capacity, qts.	6	8
Diameter Top, in.	9	10
Wgt. each abt., lbs.	6	7¾
Each	$2.45	2.70

Packed Loose.

IRON CASTINGS.

SUGAR KETTLES.

POCASSET PATTERN.

Marked Capacity.

Cast Iron, Black Finish Outside, Natural Finish Inside.

WITHOUT RAILS.

Nos.	150	200	250	300	350
Marked Cap. gals.	15	20	25	30	35
Actual Cap. gals.	14	16	20½	27	30
Height, inches	12¾	13¾	16½	16¾	17½
Diameter Top, inches	19½	20¾	23¼	26¾	27
Weight each about, lbs.	35	41	57	66	83
Each	$9.75	13.20	17.25	22.50	26.25

Packed Loose

IRON CASTINGS.

COMMON GRAY IRON CASTINGS, UNGROUND.

SKILLETS AND LIDS.

Nos.	10	11	12
Diameter Top, in.	6⅝	10½	11¾
Wgt. each abt., lbs.	11	12	16
Per lb.	$0.24	.24	.24

Packed Loose.

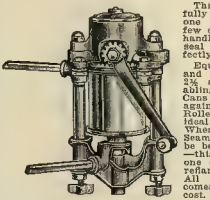
DEEP OVENS AND LIDS.

Nos.	210	211	212	214	216
Diameter Top, in.	9½	10⅜	11¼	13¾	10¾
Depth, in.	4⅜	4⅞	4⅞	5⅝	6½
Wgt. each abt., lbs	10	12	15	20	23
Per lb.	$0.24	.24	.24	.24	.24

Packed Loose.

CAN SEALERS.

NATIONAL—HIGH-SPEED SEAL-O-MATIC.



This Can Sealer is fully Automatic; Only one hand, making a few easy turns of the handle is necessary to seal a tin can perfectly.

Equipped to Seal, Cut and Reflange No. 2, 2½ and 3 Cans, enabling the user to use Cans over and over again; The Cutting Roller makes it an Ideal Can Opener; When reflanging the Seam does not have to be bent over by hand—this is all done in one operation by the reflanging attachment; All this equipment comes without extra cost.

There are no soft Metal Parts to wear out; The Frame is made of semi-steel and Cold Roll Shaft Steel; The working Parts are all of Hardened Ground Steel and Drop Forged Bronze.

The Sealing Rollers are Adjustable—so that no machine need ever be out of order—no can need ever be imperfectly sealed; The Table Level Chuck Plate permits sliding hot cans into the sealer without lifting from the table.

The Gear Mechanism is enclosed in the housing and filled with Grease at the factory—it never needs regreasing.

	Each
No. A—Green Japanned Finish; Weight each about 27½ lbs.	$25.95

One in a Case.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

HARMONICAS.

HOHNER'S MARINE BAND.

This instrument has an international reputation for accuracy of tone and simplicity and is the Choice of Music Teachers and Professional Players everywhere.

Has 10 Single Holes and 20 Reeds; Brass Plates; Heavy Convex Covers, Finely Nickel Plated; Assorted Keys of "C" and "G".

Per Dozen

No. 1896—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb. $14.40

In Hinged Cardboard Box, with Photo of U. S. Marine Band.

Here is an Assortment of Twelve Hohner's "Marine Band" Harmonicas mounted on a convincing, effective and most attractive Display 15 in. Wide, 32 in. High, featuring an enthusiastic Harmonica Player; This is a most outstanding display and will attract unusual attention.

Per Assortment

No. 2—Assortment OF TWELVE HARMONICAS No. 1896, Assorted Keys of "C" and "G"; Weight per Assortment about 4 lbs. $14.40

HOHNER'S OLD STANDBY.

This is one of Hohner's Best numbers, Absolutely Accurate in Tone and has been made without change in Style for over 70 years

Has 10 Single Holes and 20 Reeds; Brass Plates; Finely Nickel Plated Covers; Tuned in Assorted Keys of "C" and "G".

Per Dozen

No. 34B—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb. $11.55

One in a Neat, Durable Hinged Cardboard Box.

Sell Harmonicas and Other Musical Toys

This Assortment consists of Twelve "Old Standby" Harmonicas, 4 x 1 in.; with 10 Single Holes, 20 Reeds, Brass Plates and Finely Nickel Plated Covers; (Assorted Keys of "C" and "G") in a Novel and Attractive Counter or Show Case Display 7⅝ in Wide, 13¼ in. High.

Per Assortment

No. 2—Assortment OF TWELVE HARMONICAS No. 34B; Weight per assortment about 2¼ lbs. $11.55

One Assortment in a Package with Instruction Books.

POHL'S COMET.

Has 20 Holes and 10 Reeds; Metal Plates; Convex Covers; Nickel Plated and Nicely Lithographed in Colors; Open Back; Colored Frame; Assorted Keys of "C" and "G".

Per Dozen

No. 8091—Length 4⅝ in.; Width 1 in.; Weight per dozen about 1 lb. $2.40

One in a Telescope Cardboard Box, with Attractive Label.

POHL'S TREMOLO CONCERT.

An Attractive Instrument for practical purposes; Reeds are accurately tuned.

Has 24 Holes and 10 Reeds; Metal Plates; Finely Nickel Plated Covers with Turned-in Ends and Open Back; Mahogany Frame; Assorted Keys of "C" and "G".

Per Dozen

No. 164—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb. $2.25

One in a Tuck-end Cardboard Box with Attractive Label.

IDEAL DOLLS.

The Famous "FLOSSIE FLIRT."

A Perfectly Adorable Doll, charmingly costumed in the Latest Doll Fashion; She has "Tru-life" Rubber Legs and Arms, which are Soft and Pliable, Washable, Unbreakable and Sanitary; Soft Body and Unbreakable Head with Real Hair Wig; Complete with Slip, Stockings and Slippers.

She can do many tricks with her cute Arms and Fingers; Her Head can be turned and tilted in all directions and she cries when her Rubber Legs are squeesed and when turned over.

The Marvelous "Ideal Eyes" with Long Silky Eyelashes, are Sparkling and Lustrous—Look to the Right and Left and can go to Sleep; This Doll is very realistic.

	Per Dozen
No. 4165/2—Size 16 in.; Weight per dozen about 18 lbs.	$82.50
No. 4591/2—Size 18 in.; Weight per dozen about 22 lbs.	108.00
No. 4469/3—Size 20 in.; WITH LONG CURLS, Weight per dozen about 24 lbs.	$120.00
No. 4501/3—Size 22 in.; WITH LONG CURLS; Weight per dozen about 34 lbs.	144.00

"TICKLETOES" The Wonder Doll.

"Tickletoes" is an Adorable Doll with a New and Beautiful Face; Attired in dresses of Dainty Organdy, trimmed with Lace and Embroidery, complete with Bonnet to match, Slip, Stockings, Moccasins and Rubber Panties; Kapoc Stuffed Body, with "Tru-life" Rubber Legs and Arms which are Soft and Pliable, Washable, Unbreakable and Sanitary; She can do many tricks with her cute arms and fingers; She has Three Voices—One in each leg, besides the one in the body.

The Marvelous "Ideal Eyes" are sparkling and lustrous—look to the right and left and can go to sleep.

Nos.	139	239	339
Size, inches	14½	16½	19½
Weight per dozen about, lbs.	22	24	48
Per dozen	$72.00	96.00	120.00

One in a Carton.

ELECTRIC VACUUM CLEANERS.

Polly-Prim SIMMONS HARDWARE CO

WITH MOTOR DRIVEN BRUSH.
GUARANTEED TWO YEARS.

Polly-Prim SIMMONS HARDWARE CO

These Vacuum Cleaners are the Greatest Values we have ever offered—Values not excelled by any other Cleaners on the market today. As Motor Driven Brush Cleaners they have no superior. They Combine High, Powerful Suction with a Motor Driven Brush that beats the carpet, without injuring it. Every particle of dirt is jarred loose and thrown or Sucked into the Dust Bag.

MOTOR—Universal Motor—Finest Construction; Fully Enclosed and Dust-proof; MOTOR IS PERMANENTLY LUBRICATED—NO OILING REQUIRED.

FAN—Six Blade Aluminum Fan operates in Fan Chamber designed to give Maximum Suction; Has Baffle Plate which prevents string or thread from wrapping around Fan.

BRUSH—Motor Driven; Brush is driven by Belt from Motor Shaft, rotates forward and throws dirt upward into Fan Chamber instead of downward and away from Fan Chamber. The Brush consists of an Ebonized Wood Core with One Row of China Pig Bristles which will wear down only after long and continued use; Brush can be easily lowered when bristles become too short.

BAG—Maroon Colored Twill, Chemically Treated to prevent dust from sifting through; Large opening makes emptying easy; Has Patented Sleeve Valve to prevent dirt from escaping when bag is removed; Slide-on, Quick Action Bag Clamp; Bayonet Style Bag Ring attaches Bag to Cleaner.

HANDLE AND CORD—Ebony Finish Tubular Steel Handle, 36 in. Long; Convenient Trigger Switch below Hand Grip; Complete with 20 ft. Black Mercerized Cotton Cord with Silver Tracer and Indestructible Rubber Attachment Plug Cap.

NOZZLE TILTING DEVICE—Enables operator to lift Nozzle while Cleaner is in operation so that it may be pushed over fringed end of rug without entangling fringe in brush.

CASE AND NOZZLE—HEAVY CAST ALUMINUM CASE AND NOZZLE, HIGHLY POLISHED; Has Removable Aluminum Guard on Bottom of Nozzle to prevent large objects from being sucked into Cleaner; Has Furniture Protector around Nozzle; Long-wearing Rubber Composition Wheels—Large Easy-rolling Double Rear Caster Stabilizes Cleaner in operation, keeps Nozzle parallel to floor covering and facilitates tilting Nozzle when desired.

NOZZLE ADJUSTMENT—Nozzle is raised or lowered evenly by a Single Knurled Edge Adjustment Wheel located at rear of Motor Case.

No. SVC.

OPERATES ON 100 TO 120 VOLTS ALTERNATING CURRENT 20 TO 60 CYCLES OR 110 TO 120 VOLTS DIRECT CURRENT.

BALL BEARING MOTOR AND BRUSH.

Each

No. SVC—Full ¼ H. P. Ball Bearing Motor and Brush; Tubular Steel Handle has Large Comfortable Semi-Soft Rubber Grip; Flat Rubber Furniture Protector; Nozzle 14 in. Long, 2¾ in. Wide, with 15⅝x1¼ in. Opening; Case 7 in. High; Length from front to rear 12 in.; Weight each about 16 lbs. $12.55

BRONZE BEARING MOTOR AND BRUSH.

Each

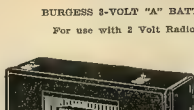
No. SP10—¼ H. P. Bronze Bearing Motor and Brush; Tubular Steel Handle; Flat Cotton Braid Furniture Protector; Nozzle 14 in. Long, 2¾ in. Wide, with 15⅝x1¼ in. Opening; Case 7 in. High; Length from front to rear 11⅝ in.; Weight each about 16 lbs. $48.75

One in a Fibre Carton.

RADIO "A" BATTERIES.

BURGESS 3-VOLT "A" BATTERY PACK.

For use with 2 Volt Radio Receivers.



This Battery is Scientifically designed for 2 Volt Tubes: It embodies the "Close Pak" Cell Construction with expansion areas and under intermittent service has remarkable recuperative powers.

Will give 400 Hours service based on ½ Ampere discharge 3 Hours per day using an end point Voltage of 1.8 Volts per 3.0 Volt Battery.

Costs less than 1¢ per hour to operate. This Battery was developed in the laboratory, proved in service and places radio on a high plane of convenience, reliability and economy. There is no Recharging, No Servicing, No Filling with Water, nothing to spill or creep and no dangerous liquids.

No.		Each
No. 1040	Size 12⅝₆x4½x6⅝₆ in.; Weight each about 15 lbs.	$6.15

One in a Carton.

CAUTION: Do not connect this battery before making sure that the set is equipped with a resistor. It is necessary that a suitable resistor be used to step down the voltage to the required two volts.

‡PORTABLE TUBE CHECKERS.

JACKSON'S MODEL K.

This Tester meets a popular need for a reliable Instrument in the portable class; Important features are included which have never before been incorporated in a portable tube tester.

DIRECT READING—CHECKS EVERY TYPE OF TUBE—ALSO HAS NEON SHORTS TEST AND OPEN ELEMENT TEST—AN EXCLUSIVE FEATURE.

The Meter in this Model is Precision Type, with D'Arsonval Movement; Line Voltage Adjustment Control is provided to correct for errors in supply voltage.

DIAL READS DIRECT—No numbers or Arithmetic—Colored scale marked "POOR" in red portion and "GOOD" in green portion.

SIMPLE TO USE—Minimum of operations—Only two Sockets; Two Control Knobs and Plug in Filament Control.

NEON INDICATOR SHORTS TEST—Also checks for CATHODE LEAKAGE; A feature usually found only in very expensive instruments.

LOCATES "OPEN" ELEMENTS—The Neon Indicator may be used to test EVERY ELEMENT of the Tube for open circuits to base.

BUILT TO WITHSTAND HARD SERVICE—Cast Aluminum Case—Insulated parts of Genuine Bakelite—Heavy Duty Transformer—Rugged Sockets.

CORRECT TEST METHODS—Tests the portion of the Tube which wears out in Service; Test system is well known and approved by Tube Engineers.

Cast Aluminum Case 6½ in. Wide, 9 in. Long, 3½ in. High, Black Morocco Finish; Leather Carrying Strap.

		Each
‡No. TK	115 Volts, 50-60 Cycles Alternating Current Only; Weight each about 6 lbs.	$68.55

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

RADIO DIAL LAMPS.

WESTINGHOUSE MAZDA.

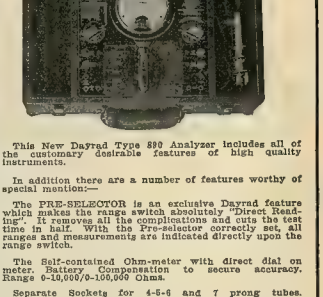
For use in Radio Sets to properly illuminate the Indicator Dial. Clear Glass; Threaded Base for Miniature Socket; Diameter 1⅝₃₂ in., Length 1⅛₁₆ in.

Nos	Volts	Amps.	Current	Each	
40	6.30	0.15	Storage Bat.	$0.09	$0.14
41	2.50	0.50	Trans. A. C. Sets	.09	.14

Ten in a Unit Package.

‡RADIO SET ANALYZER.

DAYRAD—TYPE 890



This New Dayrad Type 890 Analyzer includes all of the customary desirable features of high quality instruments.

In addition there are a number of features worthy of special mention:—

The PRE-SELECTOR is an exclusive Dayrad feature which makes the range switch absolutely "Direct Reading". It removes all the complications and cuts the test time in half. With the Pre-selector correctly set, all ranges and measurements are indicated directly upon the range switch.

The Self-contained Ohm-meter with direct dial on meter. Battery Compensation to secure accuracy. Range 0-12,000/0-100,000 Ohms.

Separate Sockets for 4-5-6 and 7 prong tubes. Analyzer plug is 7 prong with lock type adapters, 7 to 6, 7 to 5, 7 to 4. Makes possible the measurement of tube circuits with eight terminals. Cable includes wire for connection to Chassis ground and Analyzer is equipped with "Volts to Ground" Test Key.

Large Meter permits easy reading of scale. Meter is 3¾ in. in diameter (over flanges).

Adequate ranges are provided for measuring by "direct readings" Plate Volts, Plate Current, Suppressor Grid Volts, Screen Grid Volts, Control Grid Volts, Cathode to Heater Volts, Filament Volts AC and DC. Meter Reverse key enables immediate reading of deflections in reverse polarity.

Ample external Ranges for AC and DC Measurements.

DC Volts 7.5, 75, 150, 300, 750. DC Milliamperes 7.5, 75, 150.

AC Volts 3, 75, 150. External Connections provided for all ranges.

Excellent Durable Case, Cloth Lined, with Ample Compartment Space; One Piece Moulded Bakelite Panel, with Interchangeable Designation Plates.

		Each
‡No. 890	Size 13¾x9¾x5 in.; Weight each about 10 lbs.	$187.50

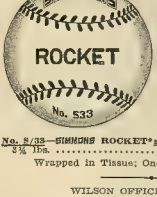
One in a Carton.

Complete with Instruction Book and Set of Representative Charts for Ready Reference.

—1853—

BASE BALLS.

SIMMONS ROCKET.*



A Popular Ball for the Small Boys.

Compressed Center; Leatheroid Cover, Stitched with Red Waxed Thread.

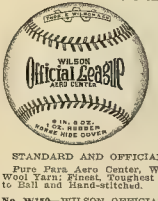
Per Dozen

No. 8/33—SIMMONS ROCKET*; Weight per dozen about 2¾ lbs. **$3.00**

Wrapped in Tissue; One Dozen in a Carton.

WILSON OFFICIAL LEAGUE.

"AERO-CENTER."



Circumference 9 in.; Weight 5 ozs.

These Base Balls have been subjected to every test and condition known to Major League Base Ball and have made good 100%.

The Yarn is wound on under an even tension by a Special Winding and due to this process the Balls are absolutely Spherical and will not become lop-sided in play.

STANDARD AND OFFICIAL IN SIZE AND WEIGHT.

Pure Para Aero Center, Wound with Finest Quality Wool Yarn; Finest, Toughest Horsehide Cover Cemented to Ball and Hand-stitched.

Per Dozen

No. W150—WILSON OFFICIAL LEAGUE; Weight per dozen about 6 lbs. **$44.10**

Each Ball Wrapped in Tissue and Silver Foil in an Individual Sealed Carton.

WILSON OFFICIAL.

CUSHION CORK AND RUBBER CENTER.

Circumference 9 in.; Weight 5 ozs.

Built as the Official Major League Ball and Specified by the National and American Leagues according to their Joint Adoption of January 8th, 1934.

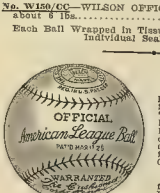
STANDARD AND OFFICIAL IN SIZE AND WEIGHT.

Patented Cushion Cork and Rubber Center, Wound with Finest Quality Blue-Gray and White, All Wool Yarn, Finished with White Finishing Yarn; Coated with Special Rubber Cement; Special Alum-Tanned Horsehide, Double Hand Stitched with Red Thread.

Per Dozen

No. W150/CC—WILSON OFFICIAL; Weight per dozen about 6 lbs. **$43.20**

Each Ball Wrapped in Tissue and Silver Foil in an Individual Sealed Carton.



REACH—CUSHIONED CORK CENTER.

Best Grade Selected Horsehide Cover, Hand Stitched with Red and Blue Thread; Live Cork Center; Black - Semi - Vulcanized Rubber Covered, with additional Cover of Vulcanized Red Rubber; Carefully wound with High Grade Wool Yarn.

Guaranteed to be Perfect in Size, Weight and Balance and to last One Full Game.

Per Dozen

No. C—OFFICIAL AMERICAN LEAGUE; Weight per dozen about 5 lbs. **$46.80**

Each Ball is Wrapped in Tin Foil and Tissue in a Carton.

REACH—CORK CENTER

Reach Patent Cork and Rubber Center, wound with High Grade Spun Wool Yarn; Selected Horse-hide Cover Cemented to Ball and Double Stitched with Red and Green Thread.

Per Dozen

No. 1/C—OFFICIAL LEAGUE; Weight per dozen about 6 lbs. **$30.00**

Each Ball is Wrapped in Tin Foil and Tissue in a Carton.

PLAYGROUND BALLS.

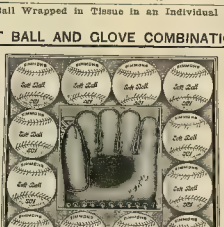
SIMMONS* REGULATION. OUTSEAM.

Firmly Compressed Long Fibre Kapok, Yarn Wound and Covered with Specially Selected Heavy Horsehide, Hand Stitched.

Nos.	Circumference, in.	Weight per dozen about, lbs.	Per Dozen
SRO/12	12	5¾	**$18.00**
SRO/14	14	7¾	**22.50**

Each Ball Wrapped in Tissue in an Individual Carton.

SOFT BALL AND GLOVE COMBINATIONS.



SIMMONS*

This Combination is made up of One Dozen Good Grade Soft Balls and One Extra Quality Soft Ball Glove—A Real Leader for the dealer who desires to promote it as a chance or donation number to attract customers to his store—THE GLOVE IS GIVEN FREE, the dealer pays only for the Balls.

The Balls are our No. SC/1 Soft Balls, Compressed Kapok Center, Yarn Wound and Covered with Pearl Color Horsehide; Circumference 12 in.

The Glove is of High Grade Tan Cowhide, Full Leather Lined; Lightly Padded with Special Built-up Padding around the heel and palm side of little finger; New Type Adjustable Leather Laced Thumb Web

Each

No. SC/1—TWELVE BALLS AND ONE GLOVE; Weight each about 7 lbs. **$24.00**

One Combination in a Carton.

OFFICIAL BOY SCOUT SHEATH KNIVES.

REMINGTON.

OFFICIAL BOY SCOUTS OF AMERICA.

One Piece Solid Forged Steel, Mirror Polished Blade and Tang; Blade has Heavy Swage and File Cut Back; Heavy Built up Leather, Brass and Black Fibre Handle with Nickel Silver Thumb Guard and Hard Cast Aluminum Knob; Tang extends through Handle and is secured by Countersunk Brass Nut.

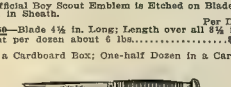
Complete with Oak Tanned Leather Sheath with Loop and Snap Fastener.

The Official Boy Scout Emblem is Etched on Blade and Stamped in Sheath.

Per Dozen

No. RH50—Blade 4½ in. Long; Length over all 8¾ in.; Weight per dozen about 6 lbs. $45.00

One in a Cardboard Box; One-half Dozen in a Carton.



High Grade, Full Gauge, Mirror Finished Steel Blade, with Nickel Silver Guard; Laminated Leather, Aluminum and Fibre Handle; Tang of Blade extends entirely through Handle and secured by Countersunk Brass Nut; Official Boy Scouts Emblem Imprinted on both Blade and Leather Sheath.

Complete with Tanned Leather Sheath with Loop and Snap Fastener.

Per Dozen

No. RH51—Blade 4 in. Long, Length over all 8 in., Weight per dozen about 3 lbs. $32.40

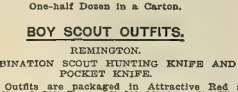
One-half Dozen in a Carton.

BOY SCOUT OUTFITS.

REMINGTON.

COMBINATION SCOUT HUNTING KNIFE AND POCKET KNIFE.

These Outfits are packaged in Attractive Red and Gilt Cardboard Gift Boxes 9⅝x5½x1⅝ in., with Hinged Cover.



Each

No. RS/103—OUTFIT: Weight each about 1 lb. $5.88

CONSISTS OF:

BOY SCOUT KNIFE No. RS/3233—3⅜ in. Stag Handle; Four Blades, 1 Large Spear Point, Coque Polished One Side and Etched with Scout Insignia; 1 Combination Bottle Opener and Screw Driver; 1 Can Opener, 1 Patented Leather Punch; Polished Back; Nickel Silver Holsters, Emblem Shield and Shackle; Nickel Silver Lining; Milled Center Scale.

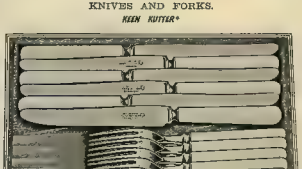
BOY SCOUT SHEATH KNIFE No. RH51—High Grade, Full Gauge, Mirror Finished Steel Blade 4 in. Long, with Nickel Silver Guard; Laminated Leather, Aluminum and Fibre Handle; Tang of Blade extends entirely through Handle and secured by Countersunk Brass Nut; Official Boy Scouts Emblem imprinted on both Blade and Leather Sheath; Length over all 8 in.; Complete with Tanned Leather Sheath with Loop and Snap Fastener.

One in a Carton.

TABLE CUTLERY.

KNIVES AND FORKS.

KEEN KUTTER®



STAINLESS STEEL BLADES AND STAINLESS STEEL FORKS, MIRROR FINISH

Round End White Grained Celluloid Handles; Polished Hollow Bolsters.

MEDIUM KNIVES WITH SWAGED STEAK BLADES; FOUR TINE STAINLESS STEEL FORKS.

Per Set

No. K1415—Steak Knives and Forks; Weight per set about 2¼ lbs. $20.55

One Set (Six Knives and Six Forks) in a Racked Cloth Lined Cardboard Box.

STAINLESS STEEL BLADES AND STAINLESS STEEL FORKS, MIRROR FINISH.

Round End White Grained Celluloid Handles; Plain Bolsters.

MEDIUM KNIVES, WITH SWAGED SHORT BLADES AND LONG HANDLE; FOUR TINE STAINLESS STEEL FORKS TO MATCH.

Knives have 5⅞ in. Handles and 3⅜ in Blades.
Forks have 4¼ in. Handles and 3 in. Head and Tines.

Per Set

No. K0502—Grille Knives and Forks; Weight per set about 2 lbs. $16.50

One Set (Six Knives and Six Forks) in a Racked Silk Cloth Lined Cardboard Box.

Simmons Mail Order Service gives every consideration to the Correct Pricing of your Mail Orders.

TARGET PISTOLS.

BARRINGTON & RICHARDSON.

U.S.R.A. MODEL.

The Barrel of this Pistol is carefully bored and rifled and closely Chambered to give the greatest possible accuracy.

The design of Stock affords a Superior Grip and insures the same position of hand with every shot.

Automatic Ejector throws out empty shell, eliminating one operation of the firing process and avoids handling the dirty and greasy empty shell.

SINGLE SHOT.

HAMMER, Hinge Type; Automatic Shell Ejector; Square or "Patridge" Type Sights; Rear Sight Adjustable for Elevation and Windage; Checkered Walnut Grip; Blued Finish.

SHOOTS 22 CALIBER LONG RIFLE CARTRIDGES ONLY.

Each

‡No. 22/SS—10 IN. BARREL; Length over all 13¼ in.; Weight each about 28 ozs. $67.50

One in a Cardboard Box.

PISTOLS.

REMINGTON.

DOUBLE DERRINGER.

A Neat, Compact Pistol for Personal Defense; Shoots a Large Caliber Bullet with plenty of stopping power.

The Action is Simple and Strong and is so constructed that the firing pin hits the Cartridge in each barrel alternately. It is only necessary to cock the hammer and pull the trigger for each shot.

Two 3 in. Barrels, each carefully Chambered and Rifled; Checkered Rubber Stocks; Blued Finish.

Each

No. 98—Shoots .41 Caliber Short Rim Fire Cartridges; Weight each about 11 ozs. $11.50 $32.25

One in a Cardboard Box.

25 in a Case; Weight per Case about 50 lbs.

REVOLVERS.

BABY HAMMERLESS.

EJECTOR MODEL.

6 SHOTS.

22 Caliber, Extra Small Frame; Double Action, Folding Trigger; 1¾ in. Barrel; Length over all 4 in.; Weight 6 oz.; American Made Interchangeable Parts; New One-Piece Main and Trigger Spring; For Vest Pocket or Ladies; Shoots 22 Short and Long, Black or Smokeless Powder R. F. Cartridges.

NICKEL PLATED.

Each

No. 51—RUBBER HANDLE $14.25

No. 51P—PEARL HANDLE 17.25

One in a Cardboard Box.

REVOLVERS.

HARRINGTON & RICHARDSON.

American Double Action, Octagon Barrel, Rubber Handle.

NICKEL PLATED

32 CALIBER, S. & W.; Central Fire Cartridges; 6 SHOTS

Each

No. 932½—3½ IN. BARREL; Weight each 16 ozs... $13.35

No. 934½—4½ IN. BARREL; Weight each 17 ozs... 14.10

38 CALIBER S. & W. Central Fire Cartridges; 5 SHOTS.

Each

No. 938¾—2½ IN. BARREL; Weight each 15 ozs.. $13.35

BLUED.

38 CALIBER S. & W. Central Fire Cartridges; 5 SHOTS.

Each

No. 938½—4½ IN. BARREL; Weight each 16 ozs.. $14.10

HAMMER; Small Frame; Rebounding Hammer; Double Action; Rubber Handle.

PREMIER, AUTOMATIC.

Shoots 22 Short or Long Cartridges, and BB Caps.

22 CALIBER; Rim Fire; 7 SHOTS.

BLUED.

Each

No. 6223R—3 in. Barrel; Weight each 13 ozs..... $24.75

HAMMER; AUTOMATIC EJECTING, Double Action Rebounding Lock; Rubber Handle.

Shoots S. & W. Center Fire Cartridges.

32 CALIBER; 6 SHOTS.

BLUED

Each

No. 6323¼R—3¼ in. Barrel; Weight each 18 ozs.. $24.75

No. 6324R—4 in. Barrel; Weight each 19 ozs..... 25.50

38 CALIBER; 5 SHOTS.

BLUED.

Each

No. 6384R—4 in. Barrel; Weight each 18 ozs..... $25.50

One in a Cardboard Box.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

AIR RIFLES.

BENJAMIN SUPER SINGLE SHOT.

BREECH LOADING, BOLT ACTION HAIR TRIGGER ACTION; HAMMER FIRE.

Shoots Lead or Steel Air Rifle Shot with Compressed Air and is extremely "Hard Shooting". Speed of Pellet depends on quantity of Air Pumped into the Large Barrel (Four or Five Strokes gives Maximum Power); It is safe, reliable and accurate for hunting small game and for Target Practice.

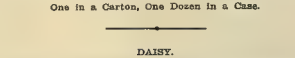
Gun Metal Finish Barrel and Fittings; Blade Front and "V" Rear Sight; Genuine Walnut Turned Stock, with Pistol Grip.

Per Dozen

No. 800—TAKE DOWN; Length over all 36 in.; Weight per dozen about 38 lbs. $144.00

One in a Carton, One Dozen in a Case.

DAISY.



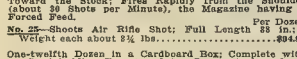
50 SHOT IMPROVED DAISY PUMP ACTION REPEATER; TAKE-DOWN MODEL.

Metal Parts in Non-rusting Gun Blue, Nicely finished; American Walnut Stock with Pistol Grip, Hand Polished; Adjustable Rear Sight Operates by pulling the Slide Toward the Stock; Fires Rapidly from the Shoulder (about 30 Shots per Minute), the Magazine having a Forced Feed.

Per Dozen

No. 25—Shoots Air Rifle Shot; Full Length 38 in.; Weight each about 2¾ lbs. $94.80

One-twelfth Dozen in a Cardboard Box; Complete with Steel Folding Target and One Dozen Cardboard Target Cards; One-half Dozen in a Case; Weight per Case 29 lbs.



BUCK JONES SPECIAL.

This new Special Daisy Air Rifle was designed by Buck Jones, star of one of the Motion Picture Company's outdoor dramas; It has many new features, a Full-floating Needle-type Compass Inlaid in Stock and an easy-reading Sun-dial branded on the stock.

60 SHOT PUMP ACTION.

Natural Finish Hardwood Stock, with Compass and Sun Dial as above; Steel Frame Beautifully Engraved and Detailed, bearing Buck Jones' name; 26 in. Blued Steel Barrel with Channel-fed Type Shooting Barrel which holds 60 Shots; New Spring Shot Retainer insures Maximum Air Pressure back of each Shot; New Safety Barrel Lock; New Trombone Cocking Action distributes cocking load over entire stroke; New Type Air Seal in Firing Chamber makes Rifle practically noiseless when discharged.

Per Dozen

No. 107—60 SHOT; Length 37 in.; Weight each about 2½ lbs $70.80

One-half Dozen in a Case; Weight per Case about 18 lbs.

AIR RIFLE SHOT.

We recommend this size for Air Rifles. It is between B and BB and runs 65 pellets to the ounce. When ordering shot specify this size as it runs more uniform and will give your customers better satisfaction.

We recommend the use of AIR RIFLE Shot in all Air Rifles, it being the size especially adapted to them.

AIR RIFLES.

DAISY.

1000 SHOT SUPER DAISY—LEVER ACTION.

An accurate, hard-hitting Reverse-lever-action Repeater with Telescopic Type Sights and 1000 Shot Magazine.

Shoots "Air Rifle" Shot and Loads Automatically by Operating Lever.

Metal Parts Beautifully Nickel Plated, with Telescopic Type Sights Non-glare Blued Finish; Oval Shape, Walnut Finish, Hand Polished Wood Stock.

Per Dozen

No. 102—1000 SHOT; Length 36 in.; Weight each about 2¾ lbs. $60.00

One-half Dozen in a Case; Weight per Case about 21 lbs.

BUZZ BARTON SPECIAL.

This Wonderful New Model Air Rifle was designed for the Famous Young Film Star—Buzz Barton—and named after him.

It has a Powerful, Positive Action that sends every shot straight and true to the mark and is the Hardest-hitting Rifle ever produced by the Daisy Gunsmiths.

It is fitted with a Marvelous Telescopic Type Sight—accurate to a hair—found heretofore only on the Finest Rifles.

1000 SHOT—REPEATER, LEVER ACTION.

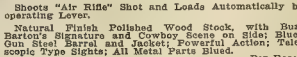
Shoots "Air Rifle" Shot and Loads Automatically by operating Lever.

Natural Finish Polished Wood Stock, with Buzz Barton's Signature and Cowboy Scene on Side; Blued Gun Steel Barrel and Jacket; Powerful Action; Telescopic Type Sights; All Metal Parts Blued.

Per Dozen

No. 105—Barrel 22 in. Long; Length over all 34½ in.; Weight each about 2½ lbs. $46.80

One Dozen in a Case; Weight per Dozen about 35 lbs.



500 SHOT DAISY—LEVER ACTION

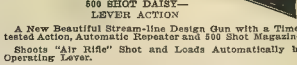
A New Beautiful Stream-line Design Gun with a Time-tested Action, Automatic Repeater and 500 Shot Magazine.

Shoots "Air Rifle" Shot and Loads Automatically by Operating Lever.

All Metal Parts Heavy Steel, Nickel Finish and Highly Polished; Walnut Finish Wood Stock; Open Front and Peep Rear Sight.

Per Dozen

No. 102—500 SHOT; Length 31 in.; Weight each about 1¾ lbs $36.00



SINGLE SHOT DAISY—LEVER ACTION.

A thoroughly dependable gun, embodying the same action used in Daisy guns for years to retail at $1.00. It has a Permanent Shooting Barrel that insures long and successful operation.

All Metal Parts are Genuine Blued Heavy Gun Steel; Walnut Finished Wood Stock; Open Front and Peep Rear Sight.

Per Dozen

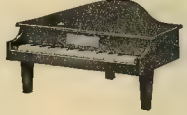
No. 101—Shoots "Air Rifle" Shot; Muzzle Loader; Length 31 in.; Weight each about 1¾ lbs. $24.00

One Dozen in a Case; Weight per Case about 26 lbs.

WOOD PIANOS.

SCHOENHUT.

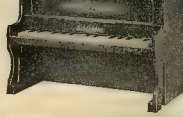
These Pianos are well made and nicely Finished and have a Beautiful Mellow Tone.



BABY GRAND.

No. 906—Green Finish, Nos. 908 to 913 Mahogany Finish.

Nos	Size, in.	Keys	Wgt. per Doz. about, lbs.	Per Dozen
908	7½x9x5¼	6	18	$24.00
906	9¾x10x5¾	8	29	28.50
910	10⅞x11¼x5⅝	10	39	37.50
912	12⅞x12¾x5⅝	12	45	45.00



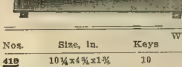
UPRIGHT.

Mahogany Finish, with an Artistically Decorated Upper Front Panel.

Nos.	Size, in.	Keys	Wgt. per Doz. about, lbs.	Per Dozen
609	10½x5x6⅞	9	20	$24.00
612	13⅝x7⅞x8¼	12	45	28.50

One in a Carton.

METALLOPHONES.

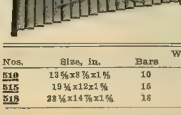


Nicely Decorated Wood Frame, with Bronze Keys; Wood Head Hammers; In attractive Cartons.

Nos.	Size, in.	Keys	Wgt. per Doz. about, lbs.	Per Dozen
410	10¼x4¾x13⅛	10	13	$12.00
415	11⅛x5½x23⅛	15	18	22.50

One in a Carton

XYLOPHONES.



SCHOENHUT.

Red Painted Wood Frame with Maple-wood Bars lettered in Red; In attractive Cartons.

Nos.	Size, in.	Bars	Wgt. per Doz. about, lbs.	Per Dozen
510	13⅝x8⅞x13⅛	10	18	$22.50
515	19¼x12x13⅛	15	33	36.00
515	23⅛x14⅝x13⅛	15	42	48.00

One in a Beautiful Box.

BOYS' UKULELES.

Per Dozen

No. 550—Banjo Uke, with Wood Pegs; Plain Wood Rim 7 in. in Diameter, 1 13/16 in. Deep; Silk Strings; Strong Paper Head held in Rim by Sherardized Metal Ring; Length over all 21 in.; Weight per dozen about 14 lbs. $22.40

No. 552—An Elegant Instrument; Hawaiian Uke, with Wood Pegs; Solid Mahogany Head 6⅝x8⅝x2¼ in.; Gut Strings; Length over all 21 in.; Weight per dozen about 12 lbs. $5.00

One in a Carton.

Patterned after Professional Banjo Models; Has a deep, melodious tone and is very attractive.

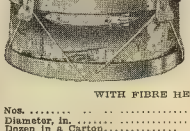
Deep Shell 8 in. in Diameter, finished to resemble Mother-of-Pearl, Silver Etched; Calf-skin Head and Gut Strings; Hardwood Neck, with Brass Frets; Nickel Plated Tail-piece.

Per Dozen

No. 1950—Weight per dozen about 15 lbs. $24.00

One in a Carton.

DRUMS.



Nicely Lithographed Metal Shells and Hoops; Strung with Heavy Cord; Equipped with Snares; Complete with One Pair of Drum Sticks; All have Leather Ears except No. 103/9.

WITH FIBRE HEADS.

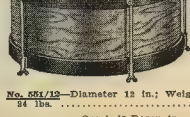
Nos.	103/9	103/11
Diameter, in.	9	11
Dozen in a Carton	2	1
Weight per Carton about, lbs.	16	13
Per dozen	$8.00	12.00

WITH HIGH GRADE LINEN HEADS.

Per Dozen

No. 105/13—Diameter 13 in.; Weight per Carton about 11 lbs. $21.00

One-half Dozen in a Carton.



ORCHESTRA MODEL.

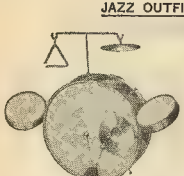
Metal Imitation Wood Shell; One Calf-skin and One High Grade Linen Head; Nickel Plated Constant Pressure Screw Adjusting Rods; Complete with Drum Sticks and Sling.

Per Dozen

No. 551/12—Diameter 12 in.; Weight per dozen about 24 lbs. $45.00

One-half Dozen in a Carton.

JAZZ OUTFITS.



A Dandy Trap Drum Outfit for Young Children.

Brass Drum has Strong Wood Shell Nicely Lithographed, with Two Fibre Heads (One with an attractive picture).

OUTFIT CONSISTS OF:

One Bass Drum, 11 in., 2 Tom-Tom Drums, Crash Cymbal, Triangle, Foot Pedal Cymbal, Foot Pedal, Spurs, Pair of Drum Sticks.

Per Dozen

No. 20/11—Weight per dozen sets about 24 lbs...$24.00

One Outfit in a Carton.

DE LUXE SET.

A Rich-looking, Beautiful Set in Blue, Red, Green, Nickel, Brass and Copper—all in shining arrangement that will delight the juvenile heart.

Blue Crackle Shell, Nickel Plated Hoops, Spring Rods, Brassed Cymbals, Coppered Cow Bell, etc.

OUTFIT CONSISTS OF:

One Bass Drum with 1 High Grade Linen and 1 Fibre Head, with Picture; Two 6 in. Tom-Tom Drums (Nickeled) with Linen Heads; 1 Foot Pedal Cymbal, Crash Cymbal, Triangle, Cow Bell, Easy Action Foot Pedal with Cymbal Striker, Pair of Drum Sticks and Spurs.

Per Dozen

No. 25/12—Weight per dozen sets about 30 lbs...$45.00

One Outfit in a Carton.

HARMONICAS.

KOCH'S BUGLE CALL.

A Well Made Finely Toned Instrument, with Convex Covers and Open Back.

Has 10 Single Holes and 20 Reeds; Brass Plates; Finely Nickel Plated Covers with Open Back; Tuned in Assorted Keys of "C" and "G".

Per Dozen

No. 774—Length 4 in.; Width 1 in.; Weight per dozen about 1 lb. $10.50

One in an Attractive and Durable Hinged Cardboard Box.

HARMONICAS.

HOTZ' BLUE RIBBON.

This instrument is Guaranteed by the Maker to be perfect in tone, every dozen being of uniform quality.

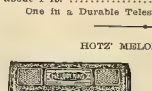
Has 10 Single Holes and 20 Reeds; Brassed Plates; Highly Polished, Nickel Plated Covers; Assorted in the Keys of "C" and "G".

Per Dozen

No. 60—Length 4 in., Width 1 in.; Weight per dozen about 1 lb. $4.80

One in a Durable Telescope Cardboard Box.

HOTZ' MELODY KING



A Most Attractive and Satisfactory Harmonica at the price; Perfectly Tuned.

Large Double-sided Instrument in Two Different Keys; 64 Tuned Reeds; Brassed Plates; Finely Nickel Plated Covers, with Turned-in Ends, Perforations and Fancy Engraved Border.

Tuned in the Keys of "C" and "G".

Per Dozen

No. 064—Length 5 in.; Width 2 in.; Weight per dozen about 1 lb. $14.40

One in a Beautifully Gold Embossed Hinged Cardboard Box.

HOTZ "ALL STAR".

This Assortment Contains Twelve Fine Harmonicas as listed below; All with 10 Single Holes, 20 Reeds, Brassed Plates and Nickel Plated Covers; Size 4x1 in.; Mounted on an Attractive Display Card 12⅝x14⅝ in.

Each Harmonica is in a very Attractive Box, either Cardboard or Metal as noted.

Per Assortment

No. 025—Assortment OF TWELVE HARMONICAS; Weight per Assortment about 2¾ lbs.....$4.00

CONTENTS:

2 No. 01—"The Sport"; In Hinged Cardboard Box.
2 No. 02—"The American Ace"; In Telescope Cardboard Box.
2 No. 06—"Atta Boy"; In Hinged Cardboard Box.
4 No. 017—"Harmonica King"; In High Grade Lithographed Hinged Metal Box.
2 No. 024—"The Song Bird"; In Hinged Cardboard Box.

One Assortment in a Carton.

CATCHERS' MITTS.

REGULATION MODEL; FULL SIZE; Tan Cowhide Throughout; Well Padded Deep Pocket; Fully Laced; Strap and Buckle Fastener at Wrist.

	Per Dozen
No. WSC/100—LEFT HAND	$48.00
No. WSC/100RH—RIGHT HAND	48.00

Weight per Dozen about 15½ lbs.

SCOOP MODEL; Selected Tan Genuine Cowhide; Special Felt Pad; Fully Bound and Laced; Leather Thumb Lace; New Type Leather Wrist Strap and Buckle.

	Per Dozen
No. WSC/200—LEFT HAND	$81.00
No. WSC/200RH—RIGHT HAND	81.00

Weight per Dozen about 21 lbs.

PROFESSIONAL MODEL; Choicest Selection of Tan Cowhide; Special Combination Felt Pad with Deep Formed Pocket; Leather Bound and Laced Throughout; New Type Leather Wrist Strap and Buckle.

	Per Dozen
No. WSC/300—LEFT HAND	$120.00
No. WSC/300RH—RIGHT HAND	120.00

Weight per Dozen about 24 lbs.

One in a Carton.

SIMMONS SOFT BALL GLOVES AND MITTS.

SOFT BALL GLOVES.

The Palm is Lightly Padded and has Special Built-up Padding around Heel and Palm Side of Little Finger.

Good Quality Tan Cowhide, Full Leather Lined; Adjustable Rawhide Thumb Lace; Strap and Button Fastener at Wrist.

	Per Dozen
No. SB100—LEFT HAND	$48.00
No. SB100RH—RIGHT HAND	48.00

REGULATION; Selected Tan Cowhide, Full Leather Lined; New Type Leather Adjustable Thumb Web; Strap and Button Fastener at Wrist.

	Per Dozen
No. SB200—LEFT HAND	$60.00
No. SB200RH—RIGHT HAND	60.00

Finest Selected Tan Cowhide, Full Leather Lined; Roll Leather Binding; Leather Welted Seams; New "V" Shape Laced Back; Leather Laced; Adjustable Thumb Web.

	Per Dozen
No. SB400—LEFT HAND	$84.00
No. SB400RH—RIGHT HAND	84.00

One in a Carton; Weight per Dozen about 12 lbs.

SOFT BALL CATCHERS' MITTS.

These Mitts have Lightly Padded Palm, with Reinforcing Leather Patches on Thumb and extending around entire outer edge of Mitt to form a Natural Pocket; New Type Leather Wrist Strap.

Good Quality Tan Cowhide; Leather Laced.

	Per Dozen
No. SBC/100—LEFT HAND	$72.00
No. SBC/100RH—RIGHT HAND	72.00

Finest Selected Tan Cowhide; Cut on a New Special Pattern; Full Leather Laced Edge; Leather Binding.

	Per Dozen
No. SBC/200—LEFT HAND	$120.00
No. SBC/200RH—RIGHT HAND	120.00

One in a Carton; Weight per Dozen about 15 lbs.

SOFT BALL BASEMEN'S MITTS.

These Mitts have Lightly Padded Palm, with Reinforcing Leather Patches on Thumb and extending around entire outer edge of Mitt to form a natural Pocket; New Type Leather Wrist Strap.

Good Quality Tan Cowhide; Bound and Laced Edges.

	Per Dozen
No. SBB100—LEFT HAND	$60.00
No. SBB100/RH—RIGHT HAND	60.00

Weight per Dozen about 12 lbs.

High Quality Tan Cowhide; Roll Leather Binding; Leather Laced.

	Per Dozen
No. SBB200—LEFT HAND	$84.00
No. SBB200RH—RIGHT HAND	84.00

Weight per Dozen about 15 lbs.

One in a Carton.

—1857—

SIMMONS WORLD'S CHAMPIONSHIP BASE BALL GLOVES AND MITTS.

Designed by Experts in this Field and made by Skilled Workmen of Selected Quality Materials—Prices are Right.

FIELDERS' GLOVES.

SIMMONS JUNIOR*

Tan Color Genuine Cowhide, with Leather Palm Lining and Thumb Web; Well Padded; Strap and Button Fastener at Wrist.

JUNIOR SIZE.

	Per Dozen
No. WSJ1—LEFT HAND	$18.00
No. WSJ1RH RIGHT HAND	18.00

Tan Color Genuine Cowhide; Well Padded and Sewed; Laced Wrist; Strap and Button Fastener at Wrist.

MEDIUM SIZE; Leather Palm Patch; Leather Thumb Web.

	Per Dozen
No. WSJ2—LEFT HAND	$24.00
No. WSJ2RH—RIGHT HAND	24.00

One-half Dozen in a Carton; Weight per Dozen about 10 lbs.

FULL SIZE; Leather Palm Lining; Leather Welted Seams; Adjustable Rawhide Thumb Lace.

	Per Dozen
No. WSJ3—LEFT HAND	$36.00
No. WSJ3RH—RIGHT HAND	36.00

One in a Carton; Weight per Dozen about 12 lbs.

Tan Color Genuine Cowhide, Full Leather Lined; Special Greased Pocket; Carefully Sewed; Leather Laced Wrist; Strap and Button Fastener at Wrist.

LARGE SIZE, Well Padded; Leather Welted Seams; Adjustable Rawhide Thumb Lace.

	Per Dozen
No. WS/100—LEFT HAND	$48.00
No. WS/100RH RIGHT HAND	48.00

LARGE SIZE; Selected Cowhide; Roll Leather Binding; Eyelets in Thumb and First Finger to permit Adjustment of Leather Laced Thumb Web to suit player.

	Per Dozen
No. WS/200—LEFT HAND	$60.00
No. WS/200RH—RIGHT HAND	60.00

LARGE SIZE; Selected Cowhide; Leather Welted Diverted Seams; Roll Style Leather Binding; New Style Leather Laced Adjustable Thumb Web.

	Per Dozen
No. WS/300—LEFT HAND	$72.00
No. WS/300RH—RIGHT HAND	72.00

EXTRA LARGE SIZE; Selected Cowhide; Leather Welted Diverted Seams and Roll Leather Binding; New Style Leather Laced Adjustable Thumb Web.

	Per Dozen
No. WS/400—LEFT HAND	$84.00
No. WS/400RH—RIGHT HAND	84.00

EXTRA LARGE SIZE; Finest Selected Cowhide; Genuine Horsehide Lined; Deep Pocket; Leather Welted Diverted Seams; Leather Reinforced Thumb; Tunnel Loop Thumb Web.

	Per Dozen
No. WS/500—LEFT HAND	$120.00
No. WS/500RH—RIGHT HAND	120.00

One in a Carton; Weight per Dozen about 13 lbs.

BASEMEN'S MITTS.

SEMI-PROFESSIONAL MODEL; Selected Tan Cowhide with Laced Edge and Special Combination Pad; Adjustable Thumb Lace; Strap and Buckle Fastener at Wrist.

	Per Dozen
No. WSB100—LEFT HAND	$48.00
No. WSB100RH—RIGHT HAND	48.00

Weight per Dozen about 12 lbs.

REGULATION MODEL; Selected Tan Cowhide; Special Greased Pocket; Roll Leather Binding; Leather Laced Edge; Special Combination Pad; Adjustable Leather Thumb Web; Strap and Buckle Fastener at Wrist.

	Per Dozen
No. WSB200—LEFT HAND	$72.00
No. WSB200RH—RIGHT HAND	72.00

Weight per Dozen about 15 lbs.

PROFESSIONAL MODEL, Choicest Cowhide with Special Greased Palm; Ready-Broke Felt Pad; Deep Pocket; Roll Leather Binding Leather Welted Seams; Panel Back; Adjustable Thumb Lace; Strap and Buckle Fastener at Wrist

	Per Dozen
No. WSB300—LEFT HAND	$120.00
No. WSB300RH—RIGHT HAND	120.00

Weight per Dozen about 18 lbs.
One in a Carton.

—1907—

RACE CYCLES.

WESTMINSTER*.

LENGTH OVERALL—43 inches.

HEIGHT OVERALL—33 inches.

LEG LENGTH—(Saddle to Pedals) 23 to 27 in.

WHEELS—12 inch Tangent Spoke Ball Bearing Wheels: 1 in Auto Tread Rubber Tires.

FRAME—⅞ in. Bicycle Tubing; Top Cross Bar; Parking Stand.

FINISH—Baked Red and Black Enamel.

EQUIPMENT—Adjustable Nickel Plated Handle Bar with Forward Extension; Rubber Grips; Bicycle Type Chain and Sprockets, Motorcycle Saddle with Nickel Plated Double Coil Springs; Adjustable Seat Post; Rubber Pedals; Ball Bearing Crank Hanger with Nickel Plated Cranks.

WITHOUT COASTER BRAKE.

	Each
No. 5121B—FOR BOYS; With Cross Bar	$25.50
No. 5121G—FOR GIRLS; Without Cross Bar	28.50

One in a Carton; Weight per Carton about 30 lbs.

LENGTH OVERALL—43 inches.

HEIGHT OVERALL—33 inches.

LEG LENGTH—(Saddle to Pedals) 23 to 27 in.

WHEELS—12 in. Wire Spoke Plain Bearing Wheels; 1 in. Tread Design Rubber Tires.

FRAME—⅞ in. Tubing; Parking Stand.

FINISH—Baked Red Enamel

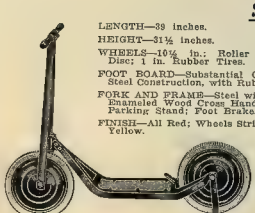
EQUIPMENT—Nickel Plated Handle Bar with Forward Extension; Rubber Grips; Bicycle Type Chain and Sprockets; Bicycle Saddle with Nickel Plated Single Coil Springs; Adjustable Seat Post; Rubber Pedals; Ball Bearing Crank Hanger with Nickel Plated Cranks.

WITHOUT COASTER BRAKE.

	Each
No. 5007—FOR BOYS AND GIRLS	$22.50

One in a Carton; Weight per Carton about 28 lbs.

SCOOTERS.



LENGTH—39 inches.

HEIGHT—31½ inches.

WHEELS—10½ in.; Roller Bearing Disc; 1 in. Rubber Tires.

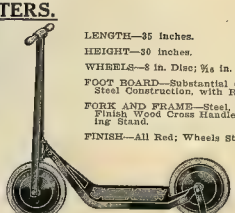
FOOT BOARD—Substantial One-piece Steel Construction, with Rubber Mat.

FORK AND FRAME—Steel with Black Enameled Wood Cross Handle; Rear Parking Stand; Foot Brake.

FINISH—All Red; Wheels Striped with Yellow.

	Each
No. 144	$5.25

Three in a Carton; Weight per Carton 44 lbs.



LENGTH—35 inches.

HEIGHT—30 inches.

WHEELS—8 in. Disc; ⅞ in. Rubber Tires.

FOOT BOARD—Substantial One-piece Steel Construction, with Rubber Mat.

FORK AND FRAME—Steel, with Natural Finish Wood Cross Handle; Rear Parking Stand.

FINISH—All Red; Wheels Striped Yellow.

	Each
No. 159	$3.30

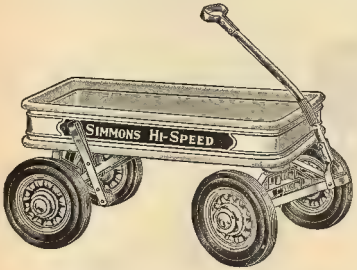
Six in a Carton; Weight per Carton 60 lbs.

BOYS' WAGONS.

SIMMONS* HI-SPEED.

These Wagons were built to stand the hardest use and the most severe tests.

The Body and Bottom is Extra Heavy Gauge Steel, with Extra Heavy Rolls at Top and Bottom; It is Beaded and Reinforced so that an unusually staunch and sturdy Box is secured. Embossed Bottom.



Has Specially Designed Heavy Undergear—Front Gear turns on Plain Bearing Fifth Wheel; Extra Heavy Steel Gear, Well Braced with Heavy Flat Steel to withstand excessive Strain and severe Jolts; Large Axles do not turn in Bolsters; All Steel Brake, with Rubber Roller.

Balloon Style 12 Spoke, 10¾ in. Artillery Type all Steel Automotive Wheels, with Self Contained Roller Bearings and non-blooming Black Auto Tread Tires of Special Design; Nickel Plated Super-Jumbo Hub Caps.

Tubular Steel Tongue with Rubber Bumper and Flat Steel Grip and Fork.

FINISH—Body White Enameled with Red Panel, Lettered in White; Gear and Tongue Red Enameled; Wheels have White Rims and Red Spokes.

Per Dozen

No. 2733—Body 15½x33½ in.; Weight per dozen about 516 lbs.....**$180.00**

FLYING SCOUT.

BODY—Heavy Sheet Steel, Reinforced with Large Beads, Large Roll on Top and Bottom. One Piece Heavy Gauge Steel Platform, Reinforced at King Bolt and Front Gear Brace.

GEAR—Front Gear of Sturdy Construction, with Tongue and Gear Braces. Rear Gear Heavy Steel, Reinforced with Two Steel Braces.

HANDLE—Curved Tubing, with Steel Loop Grip.

WHEELS—9½ in., Double Disc Type. Self-retained Roller Bearings. Nickel Plated Hub Caps.

TIRES—¾ in. Heavy Non-Skid Rubber Tires.

FINISH—Body and Wheels Red, Artistically Decorated and Lettered in Yellow. Gear and Handle Black.

Per Dozen

No. FS/4—Body 15x33 in.; Weight per dozen about 400 lbs.....**$102.00**

One in a Fibre Carton.

—2069—

FISHING TACKLE DISPLAY MERCHANDISER

Suggested Fishing Tackle Window Display using **SIMMONS** Multi-Colored Center Cut-out Display Merchandiser, 26 in. Wide by 35 in. High.

This Beautiful Center Piece includes a 6 in. Deep Ledge with 5 Shelves for Displaying the actual products as shown in this Photo.

FURNISHED FREE

To Duplicate this Desire Arousing Tackle Display we recommend the Following Items:

- 1/2 Doz. No. P10 Minnow Buckets.
- 1/2 Doz. No. 4514 Tackle Boxes.
- 1/2 Doz. No. 2288 Fish Bags.
- 1/2 Doz. No. LG1 Minnow Traps.
- 1 Asst. No 93F Furnished Lines.
- 1 Asst. No. 85 Floats.
- 1 No. RCGL4 Casting Rod.
- 1 No. RCGY4 1/2 Casting Rod.
- 1 No. S/810 Casting Rod.
- 1 No. F35 Casting Rod.
- 1 No. 53 Reel.
- 1 No. 2400 Reel.
- 1 No. 250 Reel.
- 1 No. 2300 Reel
- 1 No. 1120 Reel.
- 1 No. 1073 Reel.
- 1 No. 1130 Reel.
- 1/4 Doz. No. RSG Fly Lines.
- 1/4 Doz. No. RDH Fly Lines.
- 1 Asst No. S/18/1 Casting Lines.
- 1 Asst. No. S/18/1/2 Casting Lines.
- 1/4 Doz. 25KB18 Casting Lines.
- 1/12 Gross No. S/103 Spinner Flies.
- 1/12 Gross No. S/104 Spinner Flies.
- 1/12 Gross No. S/110 Spinner Flies
- 1/12 Gross No. S/105/6 Spinner Flies.
- 1/12 Gross No. S/107 Spinner Flies
- 1/12 Gross No. S/108 Spinner Flies.
- 1/12 Gross No S/106 Spinner Flies.
- 1/12 Doz. No. DMT502 Baits.
- 1/12 Doz. No. DMT408M Baits.
- 1/12 Doz. No. 7RH Minnows.
- 1/12 Doz. No. 7SRH Minnows
- 1/12 Doz. No. 9731 Baits.
- 1/12 Doz. No. 1 Baits.

Enter Your Order as:—

1 Only No. SFT—FISHING TACKLE DISPLAY MERCHANDISER XXX

REPRODUCTION OF SIMMONS BASEBALL WINDOW. FURNISHED FREE

THREE PIECE SET CONSISTING OF TOP FLASH AND TWO SIDE PANELS. PRINTED IN DEEP BLUE AND HARDWARE ORANGE.

THE SIMPLICITY OF THIS DISPLAY WITH ITS ATTRACTIVE BLUE AND ORANGE COMBINATION MAKES IT EXTREMELY EFFECTIVE FOR INCREASING SALES.

THE MERCHANDISE USED IS AS FOLLOWS:

Base Ball Asst. No. S/125
Base Balls No. S/2010
Base Balls No. S/28
Bats No. 60
Bats No. 50
Soft Balls No. SO/12
Soft Balls No. SR12
Soft Balls No. SS/12
Soft Balls No. SL12
Soft Balls No. NB14
Baseball Shoes No. 21
Baseball Cap No. 335
Baseball Mask No. SBM100
Baseball Mitt No. WSC/200
Baseball Glove No. WSJ2
Baseball Mitt No. WSB200
Soft Ball Glove No. SB200
Catchers' Mitt No. SBC/200

ENTER YOUR ORDER AS:—

1 SET No. 3488 BASEBALL WINDOW TRIM XXX

REVOLVERS.

HARRINGTON & RICHARDSON.

22 SPECIAL HEAVY FRAME.

Hammer, Hinge Type; Automatic Shell Ejector; Double Action; Checkered Walnut Grip; Gold Front Sight; Blued Finish.

Shoots 22 Shorts, 22 Long or 22 Long Rifle Cartridges.

For Trappers, Campers, Vacationists, etc.; Also for Target and Practice Shooting.

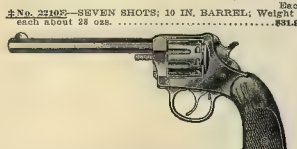
Each

No. 220HR8—NINE SHOTS; 6 IN. BARREL; Weight each about 23 ozs. $20.25

"EXPERT"—TARGET MODEL.

Each

‡No. 22102—SEVEN SHOTS; 10 IN. BARREL; Weight each about 28 ozs. $31.95



LARGE FRAME—22 CALIBER.

For Target and Practice Shooting; Also for Trappers, Campers, Vacationists, etc.

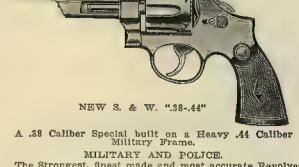
TARGET—NINE SHOTS.

HAMMER; Double Action, Solid Frame; Checkered Walnut Target Grip; Gold Front Sight; Blue Finish.

Shoots 22 Caliber Rim Fire Cartridges—Short, Long and Long Rifle.

Each

No. 922—6 IN. BARREL; Weight each about 21¾ ozs. $15.00



NEW S. & W. "38-44"

A .38 Caliber Special built on a Heavy .44 Caliber Military Frame.

MILITARY AND POLICE.

The Strongest, finest made and most accurate Revolver for Police and Target Shooting.

Drop Forged throughout; Hand Ejector; Swing-out Cylinder; Safety Hammer Block; Reinforced Barrel; Double Action; Checkered Circassian Walnut Stock, with Chromium Plated Monogram.

S. & W. .38 SPECIAL EXTRA LONG CALIBER.

Adapted to S. & W. .38 Special Extra Long and .38 Long Colt U. S. Service Cartridges.

BRIGHT BLUE HIGH POLISHED.

Each

No. 0385/44WMP—6 IN. BARREL; Weight each about 40 ozs. $38.20

One in a Cardboard Box.

REVOLVERS.

HARRINGTON & RICHARDSON.

SPORTSMAN.

FOR TARGET, PRACTICE SHOOTING, ETC.

Hammer Style; Hinged Frame; Automatic Shell Ejector; Checkered Walnut Grip; Positive Stop Safety Cylinder gives complete protection against defective ammunition and assures accurate alignment between barrel and cylinder; Blued Finish.

AMMUNITION—22 Short, 22 Long or 22 Long Rifle, Regular or High Speed Cartridges with Greased Bullet.

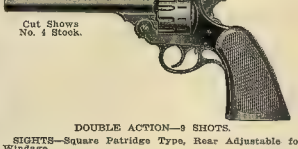
Cut Shows No. 4 Stock.

SINGLE ACTION—9 SHOTS.

SIGHTS—Patridge, Rear Sight Adjustable for Windage, Front Sight for elevation.

Each

No. 199—6 IN. BARREL; Weight each about 29 ozs. $45.00



Cut Shows No. 4 Stock.

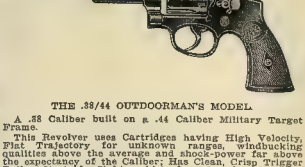
DOUBLE ACTION—9 SHOTS.

SIGHTS—Square Patridge Type, Rear Adjustable for Windage.

Each

No. 909—6 IN. BARREL; Weight each about 28 ozs. $45.00

SMITH & WESSON'S.



THE .38/44 OUTDOORMAN'S MODEL.

A .38 Caliber built on a .44 Caliber Military Target Frame.

This Revolver uses Cartridges having High Velocity, Flat Trajectory for unknown ranges, windbucking qualities above the average and shock-power far above the expectancy of the Caliber; Has Clean, Crisp Trigger Pull, Adjustable Sights which do not reflect light to affect shooters aim, and above all it is Accurate and Reliable.

Hand Ejector; Swing-out Cylinder; Solid Frame; Double Action; Patent Safety Hammer Block positively blocks hammer against accidental discharge; Checkered Circassian Walnut Stocks, with S. & W. Monogram; Patridge Front and Rear Sights.

BLUED, 6 SHOTS—Shoots .38 S. & W. Special, .38 S. & W. Special 200 Grain Bullet and .38/44 S. & W. Special Cartridges.

Each

No. 038/44/6½—Full Length 12 in.; Length of Barrel 6½ in.; Weight each 41¾ ozs. $160.50

One in a Cardboard Box.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from Factory

REVOLVERS.

SMITH & WESSON

MODEL 1905.

DOUBLE ACTION, MILITARY AND POLICE.

With Square Handle.

Checked Wood Stocks only Furnished with this Model.
32 W. C. F. (.32-20) CALIBER; 6 SHOTS.

BLUED

	Each
No. SH0324—4 in. Barrel; Wgt. each 1 lb. 12¾ ozs.	$75.00
No. SH0326—6 in. Barrel; Wgt. each 1 lb. 15¼ ozs.	75.00

38 S. & W. SPECIAL CALIBER; 6 SHOTS.
Adapted to 38 S. & W. Special and 38 Long Colt's (U. S. Service) Cartridges

BLUED

	Each
No. SH0384—4 in. Barrel; Wgt. each 1 lb. 11¼ ozs.	$75.00
No. SH0385—5 in. Barrel; Wgt. each 1 lb. 12¼ ozs.	75.00
No. SH0386—6 in. Barrel; Wgt. each 1 lb. 13¼ ozs.	75.00

TARGET.

A .22 CALIBER REVOLVER ON A .38 CALIBER MILITARY AND POLICE FRAME.

Adapted For .22 Caliber Long Rifle High Speed Rim Fire Cartridges; 6 SHOTS.

	Each
No. SH0238/38—(Factory No. K32); 6 IN. BARREL; Rebounding Lock; Weight each 2 lbs. 3 ozs.	$89.40

	Per Pair
Pearl Handles	$11.40

MODEL 1903

Hand Ejector; Swing Out Cylinder Solid Frame; Rebounding Lock; Double Action; Rubber Handle.

Shoots 32 S. & W. Long Central Fire Cartridges.
32 CALIBER; 6 SHOTS.

BLUED.

	Each
No. 0323¼NM—3¼ in. Barrel; Wgt. each 12¼ ozs.	$69.60

NEW DEPARTURE; SAFETY HAMMERLESS.

Patent Automatic Ejector; Rebounding Lock; Rubber Handle.

Shoots S. & W. Central Fire Cartridges.

32 CALIBER; 5 SHOTS

BLUED

	Each
No. 01823W—3 in Barrel; Wgt. each 14¼ ozs.	$64 20

	Per Pair
Pearl Handles	$4.50

One in a Cardboard Box.

REVOLVERS.

SMITH & WESSON

"REGULATION POLICE" MODEL

Hand Ejector; Swing Out Cylinder; Solid Frame; Double Action; New Patent Safety Hammer Block, which positively blocks the Hammer against Accidental Discharge; Checkered Wood Handle; A Light Weight Arm developed on account of the many requests from various Police Departments.

32 CALIBER; 6 SHOTS.
Shoots 32 S. & W. Long, 32 S. & W. and 32 Colts New Police Cartridges.

BLUED.

Nos.	0323¼WRP	0324¼WRP
Length Barrel, inches	3½	4½
Each	$73.20	73.20

NICKEL PLATED

Nos.	‡ 323¼WRP
Length Barrel, inches	3½
Each	$73.20

38 CALIBER, 5 SHOTS.
Shoots 38 S. & W., 38 S. & W. Gallery and 38 Short Colt Cartridges.

BLUED.

	Each
No. 0384WRP—4 in. Barrel	$73.20

Weight Each about 17¾ Ozs.

	Per Pair
Pearl Handles	$12.60

MODEL 1902.

MILITARY AND POLICE.

Hand Ejector; Swing Out Cylinder; Rebounding Lock; Double Action; Checkered Walnut Stock, Inlaid Monogram.

S. & W. 38 SPECIAL EXTRA LONG CALIBER.

Adapted to S. & W. 38 Special Extra Long and 38 Long Colt U. S. Service Cartridges.

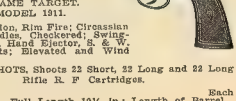
NICKEL PLATED.

	Each
‡ No. 386WMP—6 in. Barrel; Weight each 31 ozs.	$76.80

BLUED.

	Each
No. 0384WMP—4 in Barrel; Weight each 29 ozs.	$76.80
‡ No. 0385WMP—5 in. Barrel; Weight each 30 ozs.	76.80

	Per Pair
Pearl Handles	$9.00



SMITH & WESSON HEAVY FRAME TARGET. MODEL 1911.

Double Action, Rim Fire; Circassian Walnut Handles, Checkered; Swing-out Cylinder, Hand Ejector, S. & W. Target Sights; Elevated and Wind Gauge.

BLUED, 6 SHOTS. Shoots 22 Short, 22 Long and 22 Long Rifle R. F Cartridges.

	Each
No. SH0226T—Full Length 10½ in.; Length of Barrel 6 in.; Weight each 23 ozs.	$79.20

One in a Cardboard Box.

‡ Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

1914 SIMMONS HARDWARE COMPANY
—1914—

CHILDRENS' AUTOMOBILES.

WESTMINSTER*.

BODY—All Metal; Length over all 47 in.; Steel Bumper.

WHEELS—10 in. Roller Bearing Double Disc Wheels, with ¾ in. Auto Tread Tires, Jumbo Hub Caps

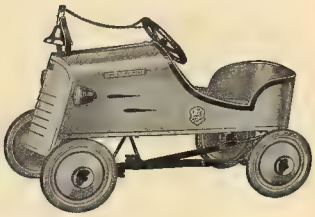
GEAR—Plain Bearing; Adjustable Pedals.

EXTRA EQUIPMENT—Headlights; Dump Box.

FINISH—Baked Enamel; Body and Wheels—Red, decorated Green and Yellow; Radiator—Red, decorated Green.

Each

No. 5743—WITH DUMP BOX; Weight each about 45 lbs. $22.50



BODY—All Metal; Length over all 32 in.; V-Radiator

WHEELS—8 in. Double Disc, with ¾ in. Rubber Tires; Jumbo Balloon Hub Caps.

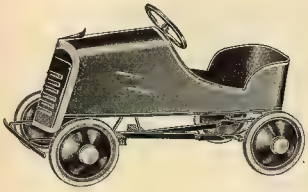
GEAR—Plain Bearing.

EXTRA EQUIPMENT—Bullet Type Electric Headlights; Fire Bell.

FINISH—Baked Enamel; Body and Wheels White, Decorated Red.

Each

No. 5706—FIRE CAR; Weight each about 29 lbs. $15.00



BODY—All Metal; Length over all 32 in.; V-Radiator; Steel Bumper.

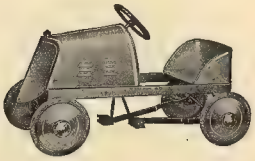
WHEELS—8 in. Double Disc, with ½ in. Rubber Tires; Jumbo Balloon Hub Caps.

GEAR—Plain Bearing.

FINISH—Baked Enamel; Body and Wheels Legion Blue, decorated Ivory and Orange.

Each

No. 5708/S—Weight each about 29 lbs. $14.25



BODY—All Metal; Length over all 32 in.

WHEELS—8 in. Plain Bearing Double Disc Wheels, with ¾ in. Rubber Tires, Jumbo Hub Caps.

GEAR—Plain Bearing.

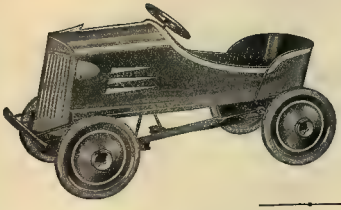
FINISH—Baked Enamel; Body and Wheels Red, Decorated Yellow.

Each

No. 5701—Weight each about 29 lbs. $10.50

Knocked Down, One in a Carton.

CHILDRENS' AUTOMOBILES.



BODY—All Metal; Length over all 38 in.; V-Type Radiator; Steel Bumper.

WHEELS—9 in. Double Disc with ⅝ in. Rubber Tires; Jumbo Balloon Hub Caps.

GEAR—Plain Bearing.

EQUIPMENT—Metal Instrument Board; Bullet Type Electric Headlights.

FINISH—Baked Enamel; Body and Wheels Red, Decorated Cream.

Each

No. 5735—Weight each about 39 lbs. **$19.50**

BODY—All Metal; Length over all 42 in.; V-Radiator; One Piece Apron Type Crown Fenders; Steel Bumpers.

WINDSHIELD—Adjustable.

WHEELS—9 in. Double Disc, with ⅝ in. Rubber Tires; Jumbo Balloon Hub Caps.

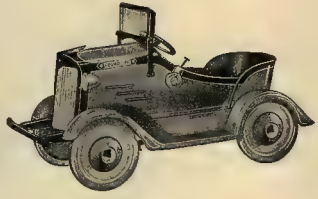
GEAR—Roller Bearing; Adjustable Pedals

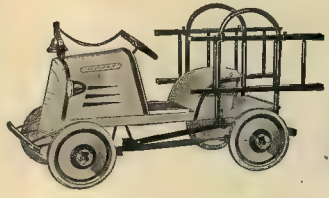
EXTRA EQUIPMENT—Electric Headlights; Metal Instrument Board; Siren Horn.

FINISH—Baked Enamel; Body Green, Decorated Black and White; Wheels Aluminum Finish, decorated Green and Black

Each

No. 5762—SQUAD CAR; Weight each about 40 lbs. **$25.50**





BODY—All Metal; Length over all 43 in.; V-Radiator; Steel Bumper.

WHEELS—9 in. Roller Bearing Double Disc, with ⅝ in. Rubber Tires; Jumbo Balloon Hub Caps.

GEAR—Roller Bearing, Adjustable Pedals.

EXTRA EQUIPMENT—Bullet Type Electric Headlights; Metal Instrument Board; Fire Bell; Two Ladders.

FINISH—Baked Enamel; Body White Decorated Red; Wheels White Decorated Red.

Each

No. 5737—FIRE TRUCK; Weight each about 46 lbs. **$24.00**

ROLLER BEARING GEAR.

BODY—All Metal; Length over all 42 in.; V-Radiator; One Piece Apron Type Crown Fenders; Steel Bumper.

WHEELS—9 in. Double Disc, with ⅝ in. Rubber Tires; Jumbo Balloon Hub Caps.

GEAR—Roller Bearing; Adjustable Pedals.

EXTRA EQUIPMENT—Bullet Type Electric Headlights; Metal Instrument Board; Fire Bell.

FINISH—Baked Enamel; Body and Wheels White, Decorated Red; Fender Red, Decorated White.

Each

No. 5761—FIRE CAR; Weight each about 47 lbs. **$24.75**

Knocked Down—One in a Carton.

BUDDY "L" ALL STEEL TOYS.

These Indestructible All Steel Playthings are Built to endure, and with ordinary care will last indefinitely. They are shaped and formed so they will look real and conform to recognized mechanical Practice; They enable children to play games with reality of action and teach them to share their play with other children.

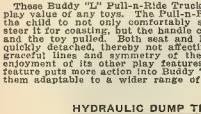
All finished in Beautiful Glossy, Bright Colored Enamel.

All Buddy "L" Trucks on this Page are equipped with Electric Headlights which can be regulated to show either Dim or Bright; Provision is also made for Two Batteries—Batteries not included.

PULL-N-RIDE TRUCKS.

These Buddy "L" Pull-n-Ride Trucks have the greatest play value of any toys. The Pull-n-Ride feature enables the child to not only comfortably sit on the toy and steer it for coasting, but the handle can also be reversed and the toy pulled. Both seat and handle can be very quickly detached, thereby not affecting in any way the graceful lines and symmetry of the toy itself, or the enjoyment of its other play features. The Pull-n-Ride feature puts more action into Buddy "L" toys and makes them adaptable to a wider range of ages.

HYDRAULIC DUMP TRUCK.

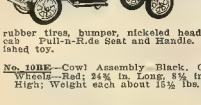


This Truck looks just like the big hydraulic dump trucks and works like them. Release the lever and the body raises automatically—push the body down in place on the chassis and it automatically locks. Equipped with red spoked disc wheels, solid rubber tires, bumper, nickeled headlights and inclosed cab. Pull-n-Ride seat and Handle. A beautifully finished toy.

Each

No. 10BE—Cowl Assembly Black. Chassis, Box and Wheels—Red; 24¾ in. Long, 8½ in. Wide, 10⅞ in. High; Weight each about 15½ lbs. **$10.00**

BAGGAGE TRUCK.



A very life-like reproduction of the general type of baggage hauling trucks in popular use everywhere, complete with mail and hand truck. Equipped with red spoked disc wheels, solid rubber tires, bumper, nickeled headlights and inclosed cab. Pull-n-Ride Seat and Handle. We do not hesitate to repeat that these Pull-n-Ride toys are the biggest toy values in the country.

Each

No. 11BE—Cab—Green; Chassis and Wheels—Red; Body—Yellow; 26½ in. Long, 8¼ in. Wide, 10¾ in. High; Weight each about 16 lbs. **$10.00**

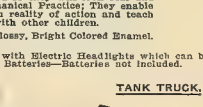
ICE TRUCK.

A most fascinating plaything, just like the man-size truck, complete with ice and ice tongs, and canvas cover. Equipped with red spoked disc wheels, solid rubber tires, bumper, nickeled headlights and inclosed cab. Pull-n-Ride seat and handle. Yet for all its splendid, sturdy, Buddy "L" quality, it is not an expensive toy. Note its attractive color scheme.

Each

No. 12BE—Cab—Black; Chassis and Wheels—Red; Body—Yellow; 26¼ in. Long, 8¼ in. Wide, 11⅛ in. High, Weight each about 18¾ lbs. **$10.00**

TANK TRUCK.



This is an exact reproduction of the modern gasoline truck, equipped with a brass ground key discharging faucet. Can be filled through top opening, enabling the child to reproduce the action of the real article in every respect. Equipped with red spoked disc wheels, solid rubber tires, bumper, nickeled headlights, and inclosed cab. Like all Buddy "L" toys, it has a hard, lasting, lustrous finish of baked-on enamel.

Each

No. 14BE—All Red; 26 in. Long, 8¼ in. Wide, 10¾ in. High, Weight each about 15 lbs. **$10.00**

AUTO WRECKER.

With full swinging crane and cable windlass for hoisting and pulling, a real joy maker for any red blooded boy. Equipped with red spoked disc wheels, solid rubber tires, bumper, nickeled headlights and inclosed cab. Pull-n-Ride seat and Handle. Has snappy appearance.

Each

No. 13BE—Cab and Body—White; Chassis, Wheels and Crane—Red; 31 in. Long, 8¼ in. Wide, 13⅜ in. High; Weight each about 18¾ lbs. **$10.00**

JUNIOR CONCRETE MIXER.

These are great Toys, as a concrete mixture can really be made in them.

After the mixture has been put in the hopper—Just like the big ones—throw in the clutch, turn crank and raise the skip until dumped into the drum; Throw out the clutch, continue to turn and the contents will be mixed. Then by pulling a lever the Drum is tilted and the mixture runs out.

Extra Heavy Steel, Spot Welded, Beautifully Enameled in Green and Black; Heavy Tread Iron Wheels.

Each

No. 32E—10⅝ in. Long, 8½ in. High, 8½ in. Wide; Drum 8⅜ in. in Diameter; Weight each about 6 lbs. **$4.95**

One in a Carton.

—1961—

STRUCTO -TOYS.

ELECTRIFIED.

Entirely New Streamline Design Trucks, with "V" Type Divided Windshields and Nickel Plated Radiators and Long-life Headlights, No Visible Wires, All Solid Electric Contacts; Has receptacle for Standard Size Battery—BATTERIES NOT INCLUDED.

All are Strongly made of Heavy Embossed Steel, Electrically Welded and Finished in Bright Pastel Shades of Automobile Enamel.

WRECKING AUTO.

Lifting Unit can be detached converting the Wrecking Auto into a Speed Wagon; Note its new design "V" type Windshield and Nickel Plated Radiator; White Enamel with Red Boom.

Per Dozen

No. 2034—Rubber Wheels, Size 23x6¼x8½ in.....$27.00

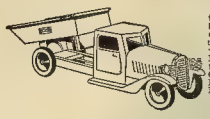
HOOK AND LADDER.

A very popular and fast selling item; Has Two Extension Ladders for extra play value; Red and Green Headlights; New Streamline Design; Nickel Plated Radiator; Bright Red Enamel Finish.

Per Dozen

No. 2035—Rubber Wheels; Size 21x8¼x6¼ in.....$27.00

DUMP TRUCK.



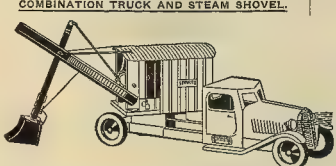
Design permits the entire load to be completely dumped; You can make volume sales with this item; Heavy Steel Electrically Welded Construction; Beautiful Orange Enamel Finish.

Per Dozen

No. 2031—Rubber Wheels; Size 19½x8¼x6¼ in....$27.00

One in a Carton; One Dozen in a Standard Package.

COMBINATION TRUCK AND STEAM SHOVEL.



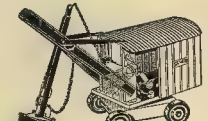
Chock full of play value; The Steam Shovel, mounted on its turntable base is movable in all directions; Winding Lever has sound-making device; Solid Rubber Wheels have white side walls; Finished in Red, Green and Orange Enamel.

Per Dozen

No. 2750—Size 31x12¼x5 in.; Weight per dozen about 72 lbs. $45.00

One in a Certified Carton.

STEAM SHOVEL.



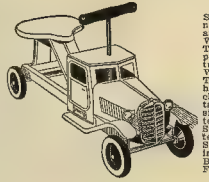
Has Electric Swivel Spotlight; Fastest selling Steam Shovel made; Crank controls operations; Orange, Green and Black Enamel.

Per Dozen

No. 2832—Size 20¼x11x6 in.; Weight per dozen about 50 lbs. $27.00

One in a Carton; One Dozen in a Package.

"RED RIDER" AUTO.



Has the latest Streamline "V" type nickel plated Radiator and divided Windshield; The Handle Bar permits the child to turn the Front Wheels with ease; The two long life headlights are Included; Has receptacle for standard size Battery; (Battery not included); Strongly constructed of Heavy Gauge Steel; Axles are ¼ in. in Diameter; Bright Red Enamel Finish.

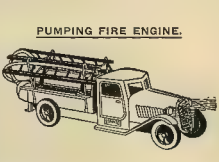
Per Dozen

No. 5RR—Size 20x6½x11¼ in.....$33.00

One in a Certified Carton.

Weight per Dozen about 66 lbs.

PUMPING FIRE ENGINE.



A marvelous Value; Squirts a long stream of water; Has a large Water Tank equipped with a Rubber Air Compression Bulb; The 25 in. Hose has Solid Brass Nozzle; Two Extension Ladders included; Has Red and Green Headlights; Red and Orange Enamel.

Per Dozen

No. 2750—Size 32x6¼x6¼ in.; Rubber Wheels; Weight Per dozen about 66 lbs.....$45.00

One in a Certified Carton.

‡SADDLES.

WESTERN STOCK.

Each

‡No. 4731—HEAVY RUSSET SKIRTING; HAND STAMPED; Weight each about 49 lbs.....$171.00

DESCRIPTION.

Beef Hide Covered Steel Fork Tree; 15 in. Seat; 16 in. Swell Fork; Leather Covered Horn; Beaded Bound Cantle; Seat and Jockey in One Piece; Doubled and Stitched Fenders 16¼x19½ in.; Sheep Wool Lined Skirts 28x14 in.; Rounded Corners; 1½ in. Double Rigging Latigoes, to tie; 1⅜ in. Off Billets; 1¾x16 in. Connecting Straps; ⅝x2⅛ in. Rope Snaps; 3 in. Solid Brass Dees; 2¼ in. Brass Bound Ox Bow Stirrups, with Foot Leather, 3 in. Laced Stirrup Leathers, with 3 in Extra Lining to go around Stirrups; Stock Copper Hand Riveted.

TEXAS.

Each

‡No. 680—FAIR LEATHER; PLAIN THROUGHOUT; Weight each about 29 lbs.....$81.00

DESCRIPTION.

Leather Covered Steel Horn; 14½ in. Seat Tree; 16 in Swell; Felt Lined Skirts 11x24 in.; Fender 8x15 in.; Seat and Jockey in One Piece; Leather Covered Rings; 1¼ in. Tie Straps; 1⅜ in. Off Billets to Buckle; 3 in. Oxbow Stirrups, Extra Lined, with 3 in. Stirrup Leathers; 14 Strand Hair Girths.

Packed Loose.

‡SADDLES.

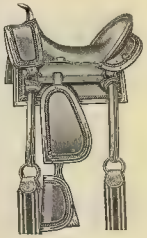
TEXAS.

Each

‡No. 807 — FAIR LEATHER; Wgt. each about 32 lbs. $51.75

DESCRIPTION:

Steel Fork Tree, 14x10 in., Leather Covered Horn; Seat and Jockey in One Piece; Felt Lined Skirts 21½x11 in.; Fenders 14x7¾ in.; 1½ in. Solid Front Strap; 1⅛ in. Tie Latigoes; 15 Strand Hair Girths; 2 in. Ox Bow Stirrups with 1¾ in. Stirrup Leathers.



LITTLE GENTS.

Each

‡No. 1262 — FAIR LEATHER; Weight each about 12 lbs.....$28.50

DESCRIPTION:

Morgan Tree, Nickel Horn; 12 in. Seat; Beaded Cantle; 14x6 in. Skirts; 6x10 in. Fenders; Russet Skirting; ⅝ in Tie Straps; 3 in. Leather Covered Stirrups, with 1 in. Stirrup Leathers, to Buckle; 2 in. Web Girths; Sheep Wool Lined Bars.

ENGLISH TYPE.

Each

‡No. 43—FAIR LEATHER; Weight each about 16 lbs. $57.00

DESCRIPTION:

Straight Tree, 17x10¼ in.; Pigskin Seat; Pigskin Impression Skirts and Jockeys; Skirts 11 in. Wide and 21 in. Long from Center of Seat; Grain Leather Pad sewed in; 4 in. Heavy Web Girth with Two Buckles on each end; Nickeled Stirrups with 1¼ in. Stirrup Leathers; Stirrup Leather Hooks on Bars.

Packed Loose.

‡Goods marked thus (‡) are not carried in stock and can only be furnished by shipment direct from factory.

—1815—

METAL MINNOWS.

FLY ROD TIN-LIZ.

This extremely light Bait has nice action even at slow Speed and runs near the surface. Can be cast with a fly rod, yet is big and strong enough for Bass. A Sure Killer for Trout, Perch, Crappie and other Pan Fish.

Duralumin Body, Silver Finish, Nicely decorated, with Nickel Plated Tail-shaped Spinner.

Length 2 in.; Weight ½ oz.

Per Card (12)

No. 2FR—CARD OF TWELVE—Eight Bright with Green Back and Black Stripe and Four Bright, with Red Head.....$5.40 $10.80

One Card in a Carton; Weight per Card about ¼ lb.

TIN-LIZ TWINS.

An easy-to-cast, Marvelous Acting, Sure Hooking Bait that combines in one unit the visibility of a large bait plus the deadly attraction of a small crippled minnow; Will get fish of different kinds and sizes from the smallest Perch or Crappie to the largest Bass.

Each Lure consists of One Pair of Bright Metal Minnows with Green Back and Black Stripe and with Nickel Plated Tail-shaped Spinner Joined by Bright Spring Wire Trace.

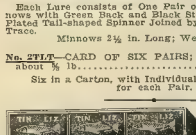
Minnows 2½ in. Long; Weight ⅛ oz

Per Card (6)

No. 2TLT—CARD OF SIX PAIRS; Weight per card about ⅜ lb.....$6 00 $12.00

Six in a Carton, with Individual Cardboard Box for each Pair.

TIN-LIZ SUNFISH.



This Weedless, Natural Finish Metal Lure has the wonderful action of a Sunfish swimming on its side; Being Wide and Flat it runs near the surface and is a sure hooker for Bass, Pike, etc.

Bright Metal Body, Beautifully Enameled in Natural Sunfish Colors; Natural Glass Eyes; Bronzed Hook with Piano Wire Weed Guard; Nickel Plated Tail-shaped Spinner.

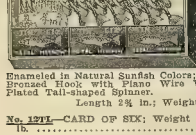
Length 2¾ in.; Weight ⅜ oz.

Per Card (6)

No. 12TL—CARD OF SIX; Weight per card about ¾ lb.....$4.00 $9.00

Six on an Attractive Display Card, with Individual Boxes in a Cardboard Box.

TIN-LIZ.



Designed to swim on its side with a wobbling motion; Struggles along like a real cripple, an action that attracts and hooks game fish.

Metal Body, Bright Silver Finish, with Nickel Plated Tail-Shaped Spinner; Piano Wire Weed Guard

Length Body 2½ in.; Weight ⅝ oz.

Per Card (6)

No. 6TL—CARD OF SIX—Three each Silver, with Green Enameled Back and Silver, with Red Head...$4.00 $9.00

Six on an Attractive Display Card with Individual Boxes in a Cardboard Box; Weight 1 lb.

BAITS.

CREEK CHUB.

FLY ROD BUGS.

BUG-A-BOO.

Combined Hair and Feather Hackle with Deer Hair Wings and Tail; Expertly tied to High Grade Hand Forged, Hollow Point Mustad Perfect Viking Hooks; Body is Chemically treated to insure floating at all times; Do not require dressing.

ON No. 1 HOOK.

Nos.	Colors	Per Dozen
F400	All White	$6.00 $12.00
F401	All Red	6.00 12.00
F402	All Gray	6.00 12.00
F403	Black and Yellow	6.00 12.00
F404	Gray and Brown	6.00 12.00
F405	Red and White	6.00 12.00

ON No. 6 HOOK.

Nos.	Colors	Per Dozen
F700	All White	$4.20 $8.40
F701	All Red	4.20 8.40
F702	All Gray	4.20 8.40
F703	Black and Yellow	4.20 8.40
F704	Gray and Brown	4.20 8.40
F705	Red and White	4.20 8.40

ON No. 8 HOOK.

Nos.	Colors	Per Dozen
F800	All White	$4.20 $8.40
F801	All Red	4.20 8.40
F802	All Gray	4.20 8.40
F803	Black and Yellow	4.20 8.40
F804	Gray and Brown	4.20 8.40
F805	Red and White	4.20 8.40

One in a Carton; Weight per Dozen about ¼ lb.

BUG-A-BASS

Tied with a Wing set well back in the body and tapering rearward to avoid drag when lifting lure from the water.

Combined Hair and Feather Hackle with Deer Hair Wings and Tail; Expertly tied to High Grade Hand Forged, Hollow Point Mustad Perfect Viking Hooks, Body is Chemically treated to insure floating at all times; Do not require dressing.

ON No. 1 HOOK.

Nos.	Colors	Per Dozen
F900	All White	$6.00 $12.00
F901	All Red	6.00 12.00
F902	All Gray	6.00 12.00
F903	Black and Yellow	6.00 12.00
F904	Gray and Brown	6.00 12.00
F905	Red and White	6.00 12.00

One in a Carton; Weight per Dozen about ¼ lb.

BAITS.

CREEK CHUB.

FLY ROD FROGGIE.

A light, small Floating Lure that looks and acts like a Frog; Absolutely Weedless; A Slight twitch of the Rod causes legs to kick just like a frog; Body 1 in. Long, with Flexible Rubber Legs to guard point of Hook; Hook placed back of and below body.

	Per Dozen
No. F80—GREEN MEADOW FROG.....	$9.00 $18.00
No. F81—BROWN MEADOW FROG	9.00 18.00

CREEK CHUB.

FLY ROD CRAWDAD.

A Small, Light Lure about 1 in. Long, with Squirrel Tail Claws and Feather Legs and Tail; No. 1 O'Shaughnessy Hook; Made to Float and for use with Split Shot.

	Per Dozen
No. F80—NATURAL CRAB COLOR	$9.00 $18.00
No. F81—TAN CRAB FINISH	9.00 18.00

CREEK CHUB.

FLY ROD INJURED MINNOW.

Represents a crippled minnow in looks and action; Lies on its side on the surface and when pulled with short jerks represents a minnow struggling along the surface.

Light, Substantial Wood Body, with Semi-transparent Flexible Fins and Tail; Aluminum Spinner; O'Shaughnessy Hollow Point No. 2 Hook, Finished to imitate a live Silver-side Minnow; Length over all 2¼ in.

	Per Dozen
No. F90—SILVER-SIDE (New Silver Finish) PINFISH	$7.80 $15.00

One in a Carton; Weight per Dozen about ⅝ lb.

Send us a Mail Order for the Special Order Sold from our Catalog which you do not carry in Stock.

We will give you and your Customer Pleasing Service.

PECKS.

BAIT CASTING.

Rigidly Constructed and Practically Weedless; For Big Trout, Bass, Wall-eyed and Northern Pike.

Enameled Metal Head on No. 3/0 Perfect Hook; Nickel Plated Foul-proof Spinner on Ball Bearing Shank; Length 4½ in.

Per Assortment

No. BCS/3/0—Assortment; SIX PATTERNS as listed below; Weight per assortment about 7 ozs..$5.10 $9.60

Pattern	Head	Hackle	Body
Shiner	White	White	White
Porters Choice	Yellow	Yellow & Red	Yellow
Warden Ryerson	Red	Red	Red
Ozark Ripley	Red and Blue	Orange	Blue
Babcock	Black	Yellow	Black
Bill Dobbs	Yellow & Red	Brown	Gray

SPIN BUCK.

A Bucktail Lure with Minnow Head weighing ½ oz.; Practically Weedless; Most effective with Pork Rind Strip.

Enameled Metal Head on No. 3/0 Highest Quality Forged Hooks; Nickel Plated Foul-proof Spinner on Ball Bearing Shank; Average Length 4½ in.

PATTERNS:

Red Head and Bucktail
Red Head, White Bucktail
Red Head, Yellow Bucktail
Red Head, Black and White Bucktail
Red Head, Red and White Bucktail
Red Head, Natural Bucktail

Per Assortment

No. BCB3/0—Assortment; SIX PATTERNS as listed above; Weight per assortment about 7 ozs..$5.10 $9.60

FEATHER MINNOW.

Has the most perfect action, the right hook in the right place and is the best lure for big catches.

Special Shaped Enameled Cork Head on No. 1/0 Best Quality Perfect Hook; Average Length 3½ in.

Per Assortment

No. FM1/0—Assortment; SIX PATTERNS as listed below; Weight per assortment about 3½ ozs..$4.50 $8.25

Pattern	Head	Hackle	Body
Shiner	White	White	White
Porters Choice	Yellow	Yellow & Red	Yellow
Warden Ryerson	Red	Red	Red
Ozark Ripley	Red and Blue	Orange	Blue
Babcock	Black	Yellow	Black
Bill Dobbs	Yellow & Red	Brown	Gray

One on a Card, Six Cards Connected, in a Cardboard Box.

TOOTSIE TOYS.

STREAMLINE TRAINS.

An exact reproduction of the Latest Type of Streamline Train. Finished in Aluminum and equipped with rubber Tired Wheels.

Per Dozen

No. 195—Length over all 11¾ in.; Weight per dozen about 6½ lbs. $6.00

One in a Colorful Counter Display Box.

AUTOGYRO.

Brand New—Designed from late model; White Rubber Tired Wheels; Revolving Propeller and Gyro; Length 3⅞ in.; Gyro wheel spread 4⅝ in.

Per Dozen

No. 04650—Lacquered Green and Lemon; Weight per dozen about 1¾ lbs. $2.40

One Dozen in a Carton.

DOLL HOUSE FURNITURE.

For the Popular Price Doll House.

Miniature Furniture; All Metal, Nicely Finished to represent the "real".

LIVING ROOM.

FOUR PIECES — One each, Settee 3⅝ in. Long; Table 2⅜x1⅛ in.; Rocker and Center Table.

Per Dozen

No. 2001 — Gilt Finish $6.75

BED ROOM.

FOUR PIECES — One Bed 3⅝x1⅝ in.; One Dresser ⅞ in. High; One Chair and One Rocker.

Per Dozen

No. 2002 — Pink Finish $6.75

DINING ROOM.

FIVE PIECES — One Dining Table, 3⅜x1⅛ in., Three Dining Chairs and One Host Arm Chair.

Per Dozen

No. 2003—Brown Finish $6.75

KITCHEN.

FOUR PIECES — One each, Gas Range, 1⅞ in. Wide; Table 2¼x1¼ in.; Sink 2⅛ in. Long and Chair.

Per Dozen

No. 2004 - Green Finish $6.75

BATHROOM.

FOUR PIECES — One each, Bath Tub, 2⅜ in. Long; Lavatory 1⅝ in. High; Toilet and Bath Stool.

Per Dozen

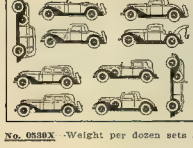
No. 2005 — Orchid Finish $6.75

Each Set in a Display Carton.
Weight per Dozen about 6 lbs.

—1971—

TOOTSIE TOYS.

MOTOR SET.

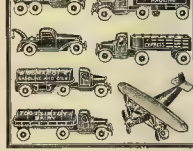


An Assortment of Ten Different Automobiles all approximately 4 in. Long; Sedans, Coupes, Delivery Trucks, Wrecker, etc.; Beautifully Enameled in colors. All fitted with White Rubber Tires.

Per Dozen Sets

No. 0530X—Weight per dozen sets about 2¼ lbs....$4.00

TRUCK SET.



This assortment consists of Seven Items — Dairy Truck, Oil Truck, Stake Truck, Closed Van (each 5½ in. Long), Coal Truck and Wrecker (each 4 in. Long) and Popular Tri-Motor Plane 6 in. wide. All Beautifully Enameled in Various Color Combinations and all with White Rubber Tires.

Per Dozen Sets

No. 6531X—Weight per dozen sets about 23 lbs....$24.00

BILD-A-CAR SET.

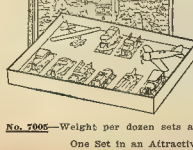
Something new in miniature toy presentation. It builds and rebuilds innumerable models of cars; Any boy will enjoy making his own toys

Consists of Five Bodies; Five Chassis, Twenty Wheels and sufficient axles to assemble. Average Length of Autos 4 in.; All Beautifully Enameled in Various Bright Colors; White Rubber Tires

Per Dozen Sets

No. 05300—Weight per dozen sets about 16 lbs....$12.00

TEN TOOTSIE TOYS.



All different; Beautifully colored; Keen enjoyment for the youngsters.

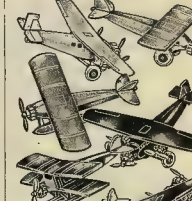
Consists of Two Airplanes and one Each Truck, Tractor, Tank Car, Repair Truck, Racer, Coach, Coupe and Sedan; Enameled various Colors; Autos 2¾ in. Long, Airplanes 3 in.

Per Dozen Sets

No. 7005—Weight per dozen sets about 13 lbs....$12.00

One Set in an Attractive Carton.

AERIAL OFFENSE.



A very Popular Miniature with the Air-minded Youngster of today; When this group is lined up, it is very imposing.

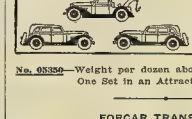
Consists of Seven Planes—3 Big Trimotored Bombers, 6¼ in. Wingspread, 4 Observation and Scout Planes, 3¾ in., and Six Men; Propellers are Pivoted and can be revolved.

Per Dozen Sets

No. 05051 — Lacquered Finish; Bombers — Red, Black and Lemon; Observation and Scout —Orange, Blue, Green and Silver Bronze; Men Khaki.$14.50

Weight per Dozen Sets about 12½ lbs.

TAXI SET.



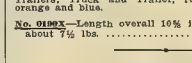
Consists of Five Autos—Four Taxis and One Wrecker—All approximately 4 in. long; Beautifully Enameled in Various Color Combinations; White Rubber Tires.

Per Dozen

No. 05350—Weight per dozen about 13 lbs.....$12.00

One Set in an Attractive Carton.

FORCAR TRANSPORT.

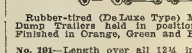


Rubber-tired Mack Truck and Trailer, with Four Miniature Autos mounted on Trailers; Truck and Trailer, red; Autos, red, green, orange and blue.

Per Dozen

No. 0190X—Length overall 10⅝ in.; Weight per dozen about 7½ lbs. $6.00

CONTRACTOR SET.



Rubber-tired (De Luxe Type) Mack Truck with Three Dump Trailers held in position by Ratchet Action; Finished in Orange, Green and Black.

Per Dozen

No. 191—Length over all 12¼ in.; Weight per dozen about 5¼ lbs. $6.00

MILK TRUCK TRAILERS.

Rubber-tired (De Luxe Type) Mack Truck, with Three Tank Type Trailers; Finished in White, Lemon and Black.

Per Dozen

No. 0192—Length over all 12¼ in.; Weight per dozen about 6¼ lbs. $6.00

One in an Attractive Carton.

SLICKER GARMENTS.

TOWER'S FISH BRAND.

TOWER'S FISH BRAND

FISH BRAND Garments are made of Specially Woven High Count Sheeting, Skillfully Designed and Cut to assure comfortable fit and Carefully Sewed to prevent ripping of seams.

After making they are Thoroughly Waterproofed by the Linseed Oil Process.

Every Garment is Guaranteed to be Absolutely Waterproof and Perfect in Material and Workmanship; Also against Deterioration for Two Years.

This Famous Brand has been on the market many years and is considered the Standard in many parts of the world.

SLICKER COATS.

TOWER'S FISH BRAND REFLEX.

These Reflex Slicker Coats are made Double Throughout and fitted with a Patented Inside Storm-lap and Reflex Edges which conduct the water to the bottom and prevent it running in at the front. Two "Stayd-fast" Patented Pockets that will not rip; Flannel Lined Collar, fitted with Throat-piece; Brass Buttons.

Sizes	0	1	2	3
Chest, in.	38	42	46	50
Length, in.	56	58	62	66

Per Dozen

No. B121—BLACK $118.80
No. OK121—OLIVE KHAKI.. 118.80
No. Y121—YELLOW 118.80

Weight per Dozen about 54 lbs.

SLICKER JACKETS.

TOWER'S FISH BRAND REFLEX

Made Double Throughout and fitted with a Patented Inside Storm-lap and Reflex Edges which conduct the water to the bottom and prevent it running in at the front; Has Upright Collar and Inside Storm Cuffs; No Pockets; Brass Buttons.

Sizes	0	1	2	3
Chest, in.	44	42	40	38
Length, in.	31	30½	30	30

Per Dozen

No. R601—BLACK ..$64.80
No. OK601—OLIVE KHAKI 64.80
No. Y601—YELLOW ..64.80

Weight per Dozen about 30 lbs.

SLICKER MEDIUM COATS.

TOWER'S FISH BRAND REFLEX

Made Double Throughout and fitted with a Patented Inside Storm-lap and Reflex Edges which conduct the water to the bottom and prevent it running in at the front; Flannel Lined Collar with Throat-piece and Inside Storm Cuffs; One "Staydfast" Patented Pocket that will not rip; Brass Buttons.

Sizes	0	1	2	3
Chest, in.	44	42	46	50
Length, in.	44	44	44	44

Per Dozen

No. B421—BLACK ..$104.40

Weight per Dozen about 45 lbs.

OVERALLS.

TOWER'S FISH BRAND.

Made Double Throughout; Has Bibb Front with Suspender Straps that Cross in back and Buckle to Bibb; Brass Buttons on Side.

Sizes	0	1	2	3
Waist, in.	38	40	44	42
Leg Lengths, in.	30	30	29	29

Per Dozen

No. B802—BLACK $64.80
No. OK801—OLIVE KHAKI 64.80
No. Y801—YELLOW 64.80

Weight per Dozen about 30 lbs.

WATERPROOF TARP HATS.

High Grade Drill, Thoroughly Waterproofed and Carefully Sewed; Canton Flannel Lined; Lined Ear Pieces; Button Fastener.

Sizes	6¾	7	7¼	7½

Per Dozen

No. B11—BLACK $10.20
No. OK11—OLIVE KHAKI 10.20
No. Y11—YELLOW 10.20

Weight per Dozen about 3½ lbs.

Packed Loose.

FOR TROUT FISHING.

REELS.

FLY CASTING.

A Light, Durable and Easy Acting Reel that is Virtually Unbreakable and Everlasting.

Speckled Red and Black Bakelite Casing and Spool; Nickel Silver Reel Seat Moulded in; Hollow Spindle Shaft Moulded into Outer Frame acts as an oil reservoir from which self-priming parts are lubricated; Adjustable Click, Brown Bakelite Handle; Easily taken apart and assembled.

Each

No. 103—Capacity 50 Yards; Diameter Discs 2 in., Length Pillar ¾ in.; Weight each about ¼ lb...$0.90

POPULAR.

This Reel meets the popular demand for an economical Reel that will afford much pleasure in many types of fishing.

SINGLE ACTION.

BRIGHT NICKEL PLATED STEEL; Adjustable Rust-proof Click; Brown Wood Handle.

Each

No. 2000/S—CAPACITY 80 YARDS; Diameter 2 in.; Width ⅜ in.; Height 2¼ in.; Weight each about ¼ lb. $0.60

Twelve in a Carton.

Steel Frame and Spool, Perforated; Flat Steel Pillars; Adjustable Click, Double Wood Grips.

Smooth Black Finish, with Nickel Plated Spool.

Each

No. 5B—CAPACITY 80 YARDS; Diameter of Spool 2¼ in.; Outside Diameter 2¼ in.; 1 in. Pillars; Weight each about ⅜ lb. $0.90

Six in a Cardboard Box.

FOX.

Lightweight; All Steel, Strong Skeleton Construction; One Piece Reel Seat, Riveted; Removable Spool; Back Sliding Hardened Steel Click and Steel Spindle; Genuine Black Bakelite Handle.

BAKED BLACK JAPAN FINISH.

Nos.	Capacity, Yards	Diameter Discs, in.	Length Pillar, in.	Each
60B	60	2⅝	⅝	$1.35
80B	80	2⅝	1⅛	1.35

One in a Cardboard Box; Weight Each about ⅝ lb.

FLY CASTING.

PERRINE—FREE-STRIPPING AUTOMATIC LIGHT WEIGHT.

Has the freedom of a single action Reel and the Advantage of the Automatic for retrieving the line by a touch of the finger; The Line Strips free of Brake Resistance without operating Brake Lever; Exceptionally Long Spring—retrieves 70 to 80 ft. of line.

Tempered Durol Aluminum Alloy, Black Finish; Stainless Steel Line Guides flush with inside of Shell—Right or Left Hand use; Free Spool Shifting Lever; Quick Take-down without Tools.

Each

No. P30—CAPACITY 35 YARDS "G" OR 30 YARDS "FF" DOUBLE TAPERED; Weight each about ⅝ lb. $12.00

No. P50—WITH SNUBBING BRAKE; CAPACITY 50 YARDS "G" OR 40 YARDS "HDH" OR "FEF" DOUBLE TAPERED; Weight each about ⅝ lb... 14.00

Six in a Carton.

SOUTH BEND.

This Reel has a Silent yet Powerful Action, and is Accurate, Positive and Perfect in every part. It is attached to the rod in the Approved Way of Single Action Trout Reels, and is easily operated without conscious effort.

The New "Line-operated Brake" permits free stripping of line at all times; Brake Lever folds against the Reel.

Buffed Aluminum Alloy, with Attractively Finished Head Plates; Line Guides are Chromium Plated.

Nos.	1120	1130
Capacity, Yards	30	50
Diameter Spool, in.	2⅜	2⅜
Width of Spool, in.	⅝	⅝
Each	$13.95	15.00

One in a Carton; Weight Each about 8¼ ozs.

MARTIN'S ALUMINUM AUTOMATIC WITH LOCK BRAKE.

The Lock Brake can be brought into use at any time, producing the same effect as if Reel were operated by Lever; The Hand is relieved and the Reel becomes entirely Independent, letting out the Line and taking it in as Perfectly as when the Lever is pressed by the Finger.

NEW BLACK FINISH.

Nos.	Capacity, Yards	Each
M1	25	$10.20
M2	30	11.25
M3	50	12.45
M4	75	13.50

One in a Cardboard Box, with Book of Instructions for Operating; Weight Each about ⅝ lb.

MARTIN'S "FLY WEATE" AUTOMATIC

Duralumin Metal, New Black Finish; Milled Brass Gears with Large Teeth; Hardened Steel Spindle; Light Aluminum Spool; Large Hardened Steel Reversible Line Guide, full size of the opening.

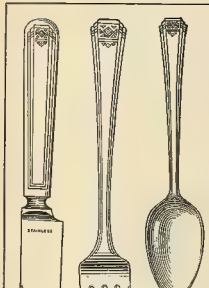
Suitable for Rods weighing from 3 ozs. up; For Casting, Still Fishing, Bait Fishing, Trolling, etc.

Each

No. M27—CAPACITY 30 YARDS; Weight each about ¾ lb. $15.75

One in a Leather Pouch, in a Carton

TUDOR PLATE FLATWARE.



SKYLINE PATTERN

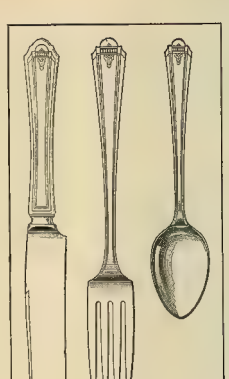
Nos	Items	Quantity In Box	Piece by Piece Consumer's Prices	List Prices	
	SPOONS.		Per Set		
33602	Tea	6	$ 1.50	$ 1.80	$ 2.70
33603	Dessert or Oval Bowl Soup	6	3.00	3.60	5.40
33605	Table	6	3.00	3.60	5.40
33604	Soup (Round Bowl)	6	3.00	3.60	5.40
33618	Cream Soup	6	3.00	3.60	5.40
33601	5 O'Clock Tea or Sherbet	6	1.50	1.80	2.70
33620	Iced Drink	6	2.50	3.00	4.50
			Each		
33650	Sugar	1	.50	.60	.90
33620	Berry or Serving	1	1.50	1.80	2.70
	FORKS.		Per Set		
33630	Grille	6	3.00	3.60	5.40
33607	Dinner	6	3.00	3.60	5.40
33606	Dessert or Entree	6	3.00	3.60	5.40
33679	Cocktail or Oyster	6	2.50	3.00	4.50
33688	Salad or Pastry	6	3.25	3.90	5.85
			Each		
33607	Cold Meat or Serving	1	1.00	1.20	1.80
33646	Pickle or Olive	1	.75	.90	1.35
	KNIVES (Mirror Stainless Blades)		Per Set		
33594	Dinner, Embossed Handle	6	4.50	5.40	8.10
33595	Dessert, Luncheon or Breakfast, Embossed Handle	6	4.50	5.40	8.10
33585	Grille, Streamline, Hollow Handle	6	7.00	8.40	12.60
33583	Dinner, Streamline, Hollow Handle	6	7.00	8.40	12.60
33698	Fruit, Embossed Handle	6	4.00	4.80	7.20
33664	Dinner, Hollow Handle	6	10.00	12.00	18.00
33626	Dessert, Luncheon or Breakfast, Hollow Handle	6	10.00	12.00	18.00
	KNIVES (Plated Blades)				
33615	Dinner, Embossed Handle	6	3.45	4.14	6.20
33616	Dessert, Luncheon or Breakfast, Embossed Handle	6	3.45	4.14	6.20
33697	Individual Butter or Cheese	6	3.00	3.60	5.40
			Each		
33695	Butter	1	.50	.60	.90
	MISCELLANEOUS				
33623	**Small Server** (Jelly Server)	1	.75	.90	1.35
33696	**Round Server,** Pierced	1	1.50	1.80	2.70
33484	**Pastry Server,** Pierced	1	2.00	2.40	3.60
	SETS		Per Set		
33729	**Butter and Sugar**	one set	1.00	1.20	1.80
33722	**2-Piece French** Table Serving	one set	3.00	3.60	5.40

Nos	Items	Piece by Piece Consumer's Price	List Prices	
	KNIFE AND FORK SETS (Mirror Stainless Blade Knives and Forks).	Per Set	Per Set	Per Set
33597	6 Dinner Knives, Embossed Handle and 6 Dinner Forks	12 in box	$ 7.50	$ 9.00	$13.50
33600	6 Dessert or Breakfast Knives, Embossed Handle and 6 Dessert Forks	12 in box	7.50	9.00	13.50
33572	6 Grille Knives, Streamline, H. H. and 6 Grille Forks	12 in box	10.00	12.00	18.00
33570	6 Dinner Knives, Streamline, H. H. and 6 Dinner Forks	12 in box	10.00	12.00	18.00
	LADLES		Each	Each	Each
33715	Salad Dressing or Small	1 in box	1.00	1.20	1.80
33717	Serving or Gravy	1 in box	1.25	1.50	2.25
	CARVERS		Per Set	Per Set	Per Set
33728	2 Piece Steak or Game, H. H. (Mirror Stainless Blade)	set in box	5.00	6.00	9.00
	CHILD AND BABY ITEMS.		Each	Each	Each
33624	**Baby Spoons,** Straight Handle	1 in box	.50	.60	.90
33628	**Baby Forks,** Straight Handle	1 in box	.50	.60	.90
			Per Set	Per Set	Per Set
33506	**2 Piece Baby Set**—Straight Spoon and Fork	set in box	1.00	1.20	1.80

	Consumer's Price	List Prices	
NURSERY RHYME CUPS	Each		
Simple Simon, Little Miss Muffett, Jack-be-Nimble, Tommy Tucker, Baby, Plain	$0.75	$0.90	$1.35
Child's Bowl (Simple Simon)	1.70	1.20	1.80
Child's Plate (Simple Simon)	1.00	1.20	1.80
Set No. N-6-948—6 Cups, 1 each as listed above. Each bearing a winsome Character and a Free Counter Display Fixture	Per Set 4.50	5.40	8.10

—1507—

TUDOR PLATE FLATWARE.



BARBARA PATTERN

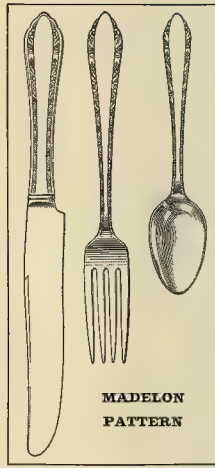
Nos.	Items	Quantity In Box	Piece by Piece Consumer's Prices	List Prices
	SPOONS.		Per Set	
54602	Tea	6	$ 1.50	$ 1.80 $ 2.70
54603	Dessert or Oval Bowl Soup	6	3.00	3.60 5.40
54605	Table	6	3.00	3.60 5.40
54604	Soup (Round Bowl)	6	3.00	3.60 5.40
54618	Cream Soup	6	3.00	3.60 5.40
54601	5 O'Clock Tea or Sherbet	6	1.50	1.80 2.70
54620	Iced Drink	6	2.50	3.00 4.50
			Each	
54650	Sugar	1	.50	.60 .90
54620	Berry or Serving	1	1.50	1.80 2.70
	FORKS.		Per Set	
54630	Grille	6	3.00	3.60 5.40
54607	Dinner	6	3.00	3.60 5.40
54600	Dessert or Entree	6	3.00	3.60 5.40
54679	Cocktail or Oyster	6	2.50	3.00 4.50
54688	Salad or Pastry	6	3.25	3.90 5.85
			Each	
54647	Cold Meat or Serving	1	1.00	1.20 1.80
54646	Pickle or Olive	1	.75	.90 1.35
	KNIVES (Mirror Stainless Blades)		Per Set	
54684	Dinner, Embossed Handle	6	4.50	5.40 8.10
54695	Dessert, Luncheon or Breakfast, Embossed Handle	6	4.50	5.40 8.10
54563	Grille, Streamline, Hollow Handle	6	7.00	8.40 12.60
54588	Dinner, Streamline, Hollow Handle	6	7.00	8.40 12.60
54696	Fruit, Embossed Handle	6	4.00	4.80 7.20
54561	Grille, Hollow Handle	6	10.00	12.00 18.00
54564	Dinner, Hollow Handle	6	10.00	12.00 18.00
54626	Dessert, Luncheon or Breakfast, Hollow Handle	6	10.00	12.00 18.00
	KNIVES (Plated Blades)		Per Set	
54615	Dinner, Embossed Handle	6	3.45	4.14 6.20
54616	Dessert, Luncheon or Breakfast, Embossed Handle	6	2.45	4.14 6.20
54697	Individual Butter or Cheese	6	3.00	3.60 5.40
			Each	
54695	Butter	1	.50	.60 .90
	MISCELLANEOUS			
54623	Small Server (Jelly Server)	1	.75	.90 1.35
54690	Round Server, Pierced	1	1.50	1.80 2.70
54484	Pastry Server, Pierced	1	2.00	2.40 3.60
	SETS		Per Set	
54720	Butter and Sugar	one set	1.00	1.20 1.80
54722	2-Piece French Table Serving	one set	3.00	3.60 5.40

Nos.	Items	Piece by Piece Consumer's Price	List Prices	
	KNIFE AND FORK SETS (Mirror Stainless Blade Knives and Forks)	Per Set	Per Set	Per Set
54597	6 Dinner Knives, Embossed Handle and 6 Dinner Forks...12 in box	$ 7.50	$ 9.00	$13.50
54600	6 Dessert or Breakfast Knives, Embossed Handle and 6 Dessert Forks ..... 12 in box	7.50	9.00	13.50
54572	6 Grille Knives, Streamline, H. H. and 6 Grille Forks...12 in box	10.00	12.00	18.00
54570	6 Dinner Knives, Streamline, H. H. and 6 Dinner Forks..12 in box	10.00	12.00	18.00
	LADLES	Each	Each	Each
54715	Salad Dressing or Small ..... 1 in box	1.00	1.20	1.80
54717	Serving or Gravy ..... 1 in box	1.25	1.50	2.25
	CARVERS	Per Set	Per Set	Per Set
54728	2 Piece Steak or Game, H. H. (Mirror Stainless Blade)..set in box	5.00	6.00	9.00
	CHILD AND BABY ITEMS.	Each	Each	Each
54610	Baby Spoons, Bent Handle ..... 1 in box	.50	.60	.90
54624	Baby Spoons, Straight Handle ..... 1 in box	.50	.60	.90
54628	Baby Forks, Straight Handle ..... 1 in box	.50	.60	.90
		Per Set	Per Set	Per Set
54738	2 Piece Baby Set—Bent Spoon, Straight Fork ..... set in box	1.00	1.20	1.80
54564	2 Piece Baby Set—Straight Spoon and Fork ..... set in box	1.00	1.20	1.80
54737	2 Piece Child's Set—Spoon, Fork, Embossed Knife ..... set in box	1.50	1.80	2.70

	CONSISTS OF:		Consumer's Price	List Prices	
No. 25 BOOK ASSORTMENT	4—2 Piece Educator Sets—2 each June and Barbara Designs 4—Baby Spoons (Bent Handle)—2 each June and Barbara Designs 3—Child's Cups (Baby, Plain, Tweedledee and Tweedledum in Cellophane) 2—2 Piece Child's Sets—1 each June and Barbara Designs	Assortment	Each $12.00	Each $14.40	$21.60
No. C/26 Assortment	6—Child's Cups (2 Baby, 2 Plain, 2 Tweedledee and Tweedledum)	Assortment	6.00	7.20	10.80
	NURSERY RHYME CUPS				
Simple Simon, Little Miss Muffett, Jack-be-Nimble, Tommy Tucker, Baby, Plain			.75	.90	1.35
Child's Bowl (Simple Simon)			1.00	1.20	1.80
Child's Plate (Simple Simon)			1.00	1.20	1.80
Set No. N-6-24S	—6 Cups, 1 each as listed above. Each bearing a winsome Character and		Per Set 4.50	5.40	8.10

a Free Counter Display Fixture.

TUDOR PLATE FLATWARE.



MADELON PATTERN

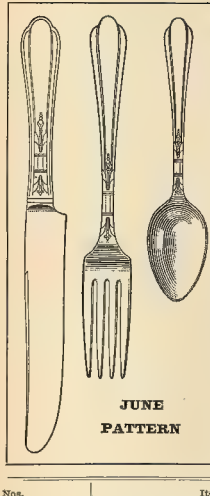
Nos.	Items	Quantity In Box	Piece by Piece Consumer's Prices	List Prices
	SPOONS.		Per Set	
22002	Tea	6	$ 2.50	$ 3.30	$ 2.70
22003	Dessert or Oval Bowl Soup	6	3.00	3.60	5.40
22005	Table	6	3.00	3.60	5.40
22004	Soup (Round Bowl)	6	3.00	3.60	5.40
22015	Cream Soup	6	3.00	3.60	5.40
22001	5 O'Clock Tea or Sherbet	6	1.50	1.80	2.70
22829	Iced Drink	6	2.50	3.00	4.50
			Each		
22350	Sugar	1	.50	.60	.50
22620	Berry or Serving	1	1.50	1.80	2.70
	FORKS.		Per Set	
22639	Grille	6	3.00	3.60	5.40
22007	Dinner	6	3.00	3.60	5.40
22006	Dessert or Entree	6	3.00	3.60	5.40
22019	Cocktail or Oyster	6	2.50	3.00	4.50
22008	Salad or Pastry	6	3.25	3.90	5.85
			Each		
22037	Cold Meat or Serving	1	1.00	1.20	1.80
22946	Pickle or Olive	1	.75	.90	1.35
	KNIVES (Mirror Stainless Blades)		Per Set	
22504	Dinner, Embossed Handle	6	4.50	5.40	8.10
22595	Dessert, Luncheon or Breakfast, Embossed Handle	6	4.50	5.40	8.10
22585	Grille, Streamline, Hollow Handle	6	7.00	8.40	12.60
22588	Dinner, Streamline, Hollow Handle	6	7.00	8.40	12.60
22004	Dinner, Hollow Handle	6	10.00	12.00	18.00
22026	Dessert, Luncheon or Breakfast, Hollow Handle	6	10.00	12.00	18.00
	KNIVES (Plated Blades)				
22613	Dinner, Embossed Handle	6	3.45	4.14	6.20
22010	Dessert, Luncheon or Breakfast, Embossed Handle	6	3.45	4.14	6.20
22697	Individual Butter or Cheese	6	3.00	3.60	5.40
			Each		
22695	Butter	1	.50	.60	.50
	MISCELLANEOUS				
22484	Pastry Server, Pierced	1	2.00	2.40	3.60
	SETS		Per Set	
22720	Butter and Sugar	one set	1.00	1.20	1.80
22722	2-Piece French Table Serving	one set	3.00	3.60	5.40

Nos.	Items	Piece by Piece Consumer's Price	List Prices	
	KNIFE AND FORK SETS (Mirror Stainless Blade Knives and Forks)	Per Set	Per Set	Per Set
22697	6 Dinner Knives, Embossed Handle and 6 Dinner Forks	12 in box	$ 7.50	$ 9.00	$13.50
22600	6 Dessert or Breakfast Knives, Embossed Handle and 6 Dessert Forks	12 in box	7.50	9.00	13.50
22572	6 Grille Knives, Streamline, H. H. and 6 Grille Forks	12 in box	10.00	12.00	18.00
22570	6 Dinner Knives, Streamline, H. H. and 6 Dinner Forks	12 in box	10.00	12.00	18.00
	LADLES		Each	Each	Each
22717	Serving or Gravy	1 in box	1.35	1.50	2.25
	CARVERS		Per Set	Per Set	Per Set
22728	2 Piece Steak or Game, H. H. (Mirror Stainless Blade)	set in box	6.00	6.00	9.00

CHILD AND BABY ITEMS.

	Consumer's Price	List Prices	
NURSERY RHYME CUPS	Each		
Simple Simon, Little Miss Muffett, Jack-be-Nimble, Tommy Tucker, Baby, Plain	$0.75	$0.90	$1.35
Child's Bowl (Simple Simon)	1.00	1.20	1.80
Child's Plate (Simple Simon)	1.00	1.20	1.80
Set No. N-6-948—6 Cups, 1 each as listed above. Each bearing a winsome Character and a Free Counter Display Fixture	Per Set 4.50	5.40	8.10

TUDOR PLATE FLATWARE.



JUNE PATTERN

Nos.	Items	Quantity In Box	Piece by Piece Consumer's Prices	List Prices
	SPOONS.		Per Set	
24602	Tea	6	$ 1.50	$ 1.80 $ 2.70
24603	Dessert or Oval Bowl Soup	6	3.00	3.60 5.40
24605	Table	6	3.00	3.60 5.40
24604	Soup (Round Bowl)	6	3.00	3.60 5.40
24618	Cream Soup	6	3.00	3.60 5.40
24607	5 O'Clock Tea or Sherbet	6	1.50	1.80 2.70
24623	Iced Drink	6	2.50	3.00 4.50
			Each	
24650	Sugar	1	.50	.60 .90
24622	Berry or Serving	1	1.50	1.80 2.70
	FORKS.		Per Set	
24630	Grille	6	3.00	3.60 5.40
24607	Dinner	6	3.00	3.60 5.40
24603	Dessert or Entree	6	3.00	3.60 5.40
24679	Cocktail or Oyster	6	2.50	3.00 4.50
24688	Salad or Pastry	6	3.25	3.90 5.85
			Each	
24607	Cold Meat or Serving	1	1.00	1.20 1.80
24646	Pickle or Olive	1	.75	.90 1.35
	KNIVES (Mirror Stainless Blades)		Per Set	
24594	Dinner, Embossed Handle	6	4.50	5.40 8.10
24585	Dessert, Luncheon or Breakfast, Embossed Handle	6	4.50	5.40 8.10
24565	Grille, Streamline, Hollow Handle	6	7.00	8.40 12.60
24595	Dinner, Streamline, Hollow Handle	6	7.00	8.40 12.60
24608	Fruit, Embossed Handle	6	4.00	4.80 7.20
24664	Dinner, Hollow Handle	6	10.00	12.00 18.00
24626	Dessert, Luncheon or Breakfast, Hollow Handle	6	10.00	12.00 18.00
	KNIVES (Plated Blades)			
24615	Dinner, Embossed Handle	6	3.45	4.14 6.20
24697	Individual Butter or Cheese	6	3.00	3.60 5.40
			Each	
24695	Butter	1	.50	.60 .90
	MISCELLANEOUS			
24434	Pastry Server, Pierced	1	2.00	2.40 3.60
	SETS		Per Set	
24720	Butter and Sugar	one set	1.00	1.20 1.80
24722	2-Piece French Table Serving	one set	3.00	3.60 5.40

Nos.	Items	Piece by Piece Consumer's Price	List Prices	
	KNIFE AND FORK SETS (Mirror Stainless Blade Knives and Forks)	Per Set	Per Set	Per Set
24597	6 Dinner Knives, Embossed Handle and 6 Dinner Forks...12 in box	$ 7.50	$ 9.00	$13.50
24600	6 Dessert or Breakfast Knives, Embossed Handle and 6 Dessert Forks...12 in box	7.50	9.00	13.50
24572	6 Grille Knives, Streamline, H. H. and 6 Grille Forks...12 in box	10.00	12.00	18.00
24570	6 Dinner Knives, Streamline, H. H. and 6 Dinner Forks..12 in box	10.00	12.00	18.00
	LADLES	Each	Each	Each
24717	Serving or Gravy ... 1 in box	1.25	1.50	2.25
	CARVERS	Per Set	Per Set	Per Set
24728	2 Piece Steak or Game, H. H. (Mirror Stainless Blade)..set in box	5.00	6.00	9.00
	CHILD AND BABY ITEMS.	Each	Each	Each
24619	Baby Spoons, Bent Handle ... 1 in box	.50	.60	.90
24624	Baby Spoons, Straight Handle ... 1 in box	.50	.60	.90
24628	Baby Forks, Straight Handle ... 1 in box	.50	.60	.90
		Per Set	Per Set	Per Set
24738	2 Piece Baby Set—Bent Spoon, Straight Fork ... set in box	1.00	1.20	1.80
24580	2 Piece Baby Set—Straight Spoon and Fork ... set in box	1.00	1.20	1.80
24737	3 Piece Child's Set—Spoon, Fork, Embossed Knife ... set in box	1.50	1.80	2.70

BOOK ASSORTMENT No. 25

CONSISTS OF:
- 4—2 Piece Educator Sets—2 each June and Barbara Designs
- 4—Baby Spoons (Bent Handle)—2 each June and Barbara Designs
- 3—Child's Cups (Baby, Plain, Tweedledee and Tweedledum in Cellophane)
- 2—3 Piece Child's Sets—1 each June and Barbara Designs

No. C/25 Assortment—6—Child's Cups (2 Baby, 2 Plain, 2 Tweedledee and Tweedledum) ... Assortment

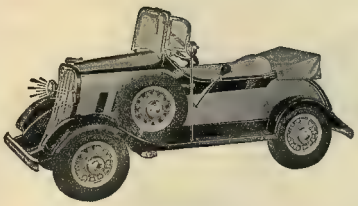
Consumer's Price	List Prices	
Each		
$12.00	$14.40	$21.60
6.00	7.20	10.80

NURSERY RHYME CUPS

Simple Simon, Little Miss Muffett, Jack-be-Nimble, Tommy Tucker, Baby, Plain	.75	.90	1.35
Child's Bowl (Simple Simon)	1.00	1.20	1.80
Child's Plate (Simple Simon)	1.00	1.20	1.80
Set No. N-8-945—6 Cups, 1 each as listed above. Each bearing a winsome Character and a Free Counter Display Fixture	Per Set		
	4.50	5.40	8.10

CHILDRENS' AUTOMOBILES.

WESTMINSTER*.



ALL ROLLER BEARING AND BALL BEARING CHASSIS.

ARTILLERY TYPE
ALL STEEL AUTOMOTIVE WHEELS.

BODY—All Metal; Length over all 54 in.; Deeply Embossed V-Radiator 14 in. High; One Piece Streamline Crown Fenders; Plated Bumper.

WINDSHIELD—Windshield has Windbreaker Wings and Wiper.

TOP—Pantasol Leather Top.

WHEELS—Six, 10 in. 12 Spoke Artillery All Steel Automotive Type, with Special Design Non-blooming Black Rubber Auto Tread Tires; Super Jumbo Hub Caps (Two of the Wheels are mounted in Fender Wells.)

CHASSIS—All Roller Bearing and Ball Bearing; Auto-Spindle-body Steering Construction; S. A. E. Steel Rear Springs; Extra Heavy Rail Steel Frame, Simplified Pedal Adjustment.

EXTRA EQUIPMENT—Electric Headlights; Metal Instrument Board, French Bulb Horn; Rear View Mirror; Fender Lights, Tail Light and Plated Pedestal Spotlight.

FINISH—Baked Enamel; Body and Wheels—Maroon, decorated Black and Gold, Radiator—Chromium Plated, decorated Aluminum and Black; Fenders—Black.

Each

No. 5777 WITH CHROMIUM PLATED V-RADIATOR FRONT, Weight each about 92 lbs.....$79.50

POLICE PATROL.

ROLLER BEARING GEAR.

BODY—All Metal; Length over all 51 in.; Deeply Embossed V-Radiator 14 in. High; Streamline Crown Fenders; Plated Bumper.

WHEELS—10 in. 12 Spoke Artillery All Steel Automotive Type, with Special Design Non-blooming Black Rubber Auto Tread Tires; Super Jumbo Hub Caps.

GEAR—Roller Bearing; Adjustable Pedals.

EXTRA EQUIPMENT—Electric Headlights; Metal Instrument Board, Gong Bell.

FINISH—Baked Enamel; Body—Legion Blue, decorated Aluminum and Deep Blue; Radiator—Chromium Plated, decorated Legion Blue; Fenders—Deep Blue; Wheels—Legion Blue, decorated Aluminum and Black.

Each

No. 5736—WITH CHROMIUM PLATED V-RADIATOR FRONT; Weight each about 89 lbs. $55.50

FIRE DEPARTMENT.

ROLLER BEARING GEAR.

BODY—All Metal; Length over all 53 in.; Deeply Embossed V-Radiator 14 in. High, One Piece Streamline Crown Fenders; Plated Bumper.

WHEELS—10 in. 12 Spoke Artillery All Steel Automotive Type, with Special Design Non-blooming Black Rubber Auto Tread Tires; Super Jumbo Hub Caps.

GEAR—Roller Bearing; Adjustable Pedals.

EXTRA EQUIPMENT—Electric Headlights; Metal Instrument Board; Fire Bell and Ladders.

FINISH—Baked Enamel; Body and Wheels—Red, decorated Black and Yellow; Radiator—Chromium, decorated Red, Fenders—Red.

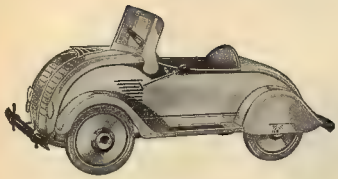
Each

No. 5734—WITH CHROMIUM PLATED V-RADIATOR FRONT, Weight each about 89 lbs. $45.00

Knocked Down, One in a Carton.

NOTE—Electric Headlight Equipment includes Bulbs, Wiring, Battery Holder and Switch—**but no Batteries.**

CHILDRENS' AUTOMOBILES.



ROLLER BEARING GEAR.

BODY—All Metal, Length over all 47 in.; Open Vent Radiator; One Piece Apron Type Crown Fenders, Rear Fenders enclosed with Splash; Steel Bumpers with Bumper Guards.

WINDSHIELD—V-Shaped.

WHEELS—9 in. Roller Bearing Double Disc, with ¾ in. Rubber Tires; Jumbo Balloon Hub Caps.

GEAR—Roller Bearing; Adjustable Pedals.

EXTRA EQUIPMENT—Electric Headlights; Metal Instrument Board; French Horn

FINISH—Baked Enamel; Body Manila Tan, Decorated Green, Black and Orange, Wheels Manila Tan, Decorated Orange; Windshield Manila Tan.

Each

No. 5764—AIRFLOW AUTO; Weight each about 72 lbs.....$37.50

ROLLER AND BALL BEARING GEAR.

BODY—All Metal, Length over all 46 in.; Deeply Embossed V-Radiator; One Piece Streamline Crown Fenders; Plated Steel Bumper.

WHEELS—10 in. 12 Spoke Artillery All Steel Automotive Type, Roller Bearing Wheels with Black Non-blooming Auto Tread Tires; Super-Jumbo Balloon Hub Caps.

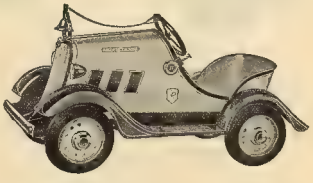
GEAR—Roller and Ball Bearing; Adjustable Pedals.

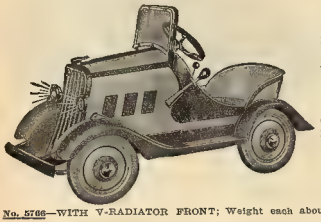
EXTRA EQUIPMENT—Bullet Type Electric Headlights; Metal Instrument Board; Reinforced One-piece All Rubber Steering Wheel; Fire Bell and Siren Horn.

FINISH—Baked Enamel; Body and Radiator—White, Decorated Red; Fenders—Red; Wheels— White, Decorated Red and Black.

Each

No. 5783—FIRE CAR; Weight each about 77 lbs.$37.50





ROLLER BEARING GEAR

BODY—All Metal; Length over all 46 in.; Deeply Embossed V-Radiator 14 in. High; One Piece Streamline Crown Fenders, Steel Bumpers.

WINDSHIELD—Adjustable; Celluloid, in Nickel Plated Frame.

WHEELS—10 in. Roller Bearing Double Disc Wheels with ¾ in. Auto Tread Tires; Jumbo Balloon Hub Caps.

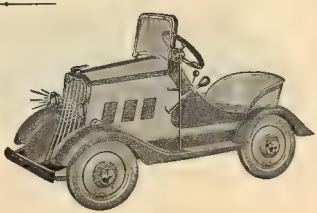
GEAR—Roller Bearing.

EXTRA EQUIPMENT—Electric Headlights; Metal Instrument Board; French Bulb Horn; Fender Lights; Gear Shift.

FINISH—Baked Enamel; Body and Wheels—Ivory, decorated Blue and Black, Radiator—Ivory, decorated Blue, Fenders—Blue.

Each

No. 5766—WITH V-RADIATOR FRONT; Weight each about 67 lbs.....$34.50



ROLLER BEARING GEAR.

BODY—All Metal; Length over all 46 in.; Deeply Embossed V-Type Radiator; One Piece Apron Type Crown Fenders; Steel Bumper.

WHEELS—9 in. Roller Bearing Double Disc, with ¾ in. Rubber Tires; Jumbo Balloon Hub Caps.

GEAR—Roller Bearing; Adjustable Pedals.

EXTRA EQUIPMENT—Electric Headlights; Metal Instrument Board; Windshield, French Horn and Gear Shift; Reinforced One Piece All Rubber Steering Wheel.

FINISH—Baked Enamel; Body and Wheels—Ivory, Decorated Medium Blue and Black; Radiator, Ivory Decorated Blue.

Each

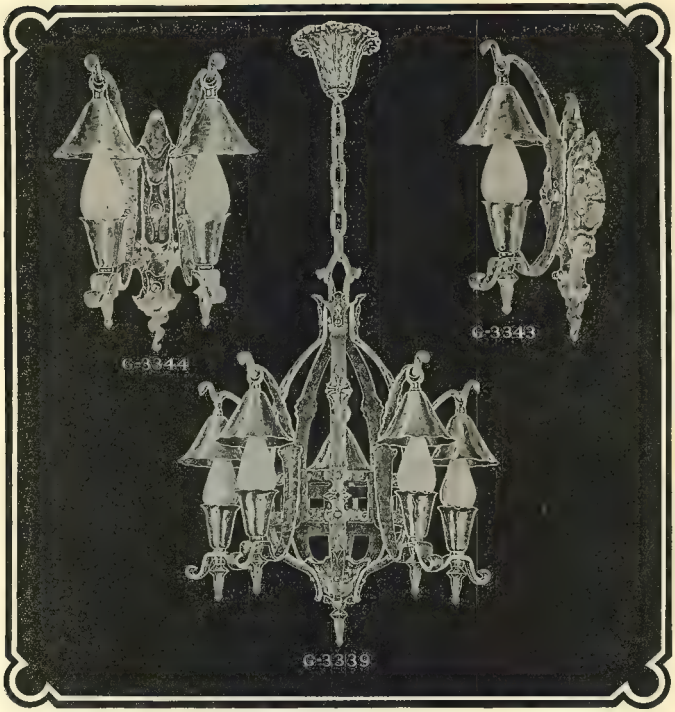
No. 5765/8—Weight each about 78 lbs.....$29.25

Knocked Down—One in a Carton.

ELECTRIC BULBS NOT INCLUDED.

ELECTRIC LIGHTING FIXTURES.

WIRED THROUGHOUT.



"WESTWOOD MANOR" SERIES.

The Rugged Craftsmanlike appearance of this series recalls the days when men made things with their hands and enjoyed the products of their toil. THE DULL COPPER SNUFFERS AND LIGHT HOLDERS form an interesting contrast to the body of the fixture which is FINISHED IN TONED OLD SILVER; Keyless Sockets (Bulbs not included).

Each

No. G3344—TWO LIGHT; Back Plate 4⅛x11 in.; Length over all 12½ in.; Spread 5½ in.; Extends 5 in.; Toggle Switch; Weight each about 3 lbs.....$11.40

No. G3343—ONE LIGHT; Back Plate 4½x11 in.; Length over all 12½ in.; Extends 5½ in.; Toggle Switch; Weight each about 2½ lbs.....$7.50

No. G3339—FIVE LIGHT; Length 42 in.; Spread 18 in.; Ceiling Plate 5 in.; Weight each about 13½ lbs.....40.95

One in a Carton.

BASE BALL AND GLOVE COMBINATIONS.

SIMMONS*

Consists of One Dozen Base Balls No. S/125 and One Fielder's Glove No. S/125, and can be used to good advantage by the dealer who wants to attract Customers to his Store by offering the Glove as a Prize or Donation —THE GLOVE IS GIVEN FREE, Dealer pays only for the Balls.

The Balls are our No. S/125 **SIMMONS** Major League—Large Solid Rubber Center, wound with High Grade Wool Yarn; Selected Horsehide Cover, Cemented to Ball and Stitched with Red Thread.

The Glove is our No. S/125 —High Grade Tan Cowhide, Full Leather Lined; Regulation Padding; Welted Seams—Leather Laced Heel and Lace between Thumb and Forefinger; Strap and Button Fastener.

Each

No. S/125—TWELVE BALLS AND ONE GLOVE; Weight each about 6½ lbs.....$30.00

One Combination in a Carton.

BASE BALLS.

SIMMONS OFFICIAL LEAGUE.*

These Balls are made in accordance with General Specifications used in making Balls adopted by Four of the Large Professional Leagues of the Country.

Official in Size—9 in.

Official in Weight—5 ozs.

They are Perfect in Shape, Weight, Size, Balance and Quality and will meet the most exacting conditions of Base Ball

This Ball is built up from the Celebrated "Aero Center," Specially Constructed of Pure Para Gum and Wound with Resilient, Lively 100% Para Wool Yarn and Strong Outer Windings.

The Cover is Selected Genuine Horse Hide, Double Stitched with Red and Black Thread, adapted particularly for this purpose.

Per Dozen

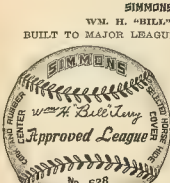
No. S/2010—SIMMONS OFFICIAL LEAGUE*; Weight per dozen about 5 lbs.....$36.00

Each Ball Wrapped in Cellophane.
One-half Dozen in an Attractive Carton.

SIMMONS*

WM. H. "BILL" TERRY.

BUILT TO MAJOR LEAGUE SPECIFICATIONS.



Each Ball bears the Signature of Wm. H. "Bill" Terry, Manager of New York Giants (World's Champions 1933) and is approved by him as being the Finest Base Ball at the price and fully dependable for hard, fast play.

Cork and Rubber Center, wound with Selected Pure Wool Yarn; Covered with Toughest Selected Genuine Horsehide and Double Stitched with Red and Blue Thread

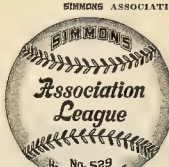
Per Dozen

No. S/28—WM. H. "BILL" TERRY APPROVED LEAGUE*; Weight per dozen about 5 lbs.....$25.50

One-half Dozen in a Handsome Carton.

BASE BALLS.

SIMMONS ASSOCIATION LEAGUE.*



One of the Best Values in our line; So constructed that it will retain its shape and solidity; Correct in size and weight.

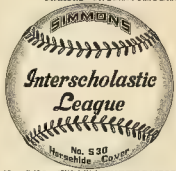
Rubber Center, wound with High Quality All Wool Yarn; Horsehide Cover, Stitched with Red and Blue Thread.

Per Dozen

No. S/29—**SIMMONS** ASSOCIATION LEAGUE*; Weight per dozen about 5 lbs.....$10.50

Each Ball Wrapped in Cellophane.

SIMMONS INTERSCHOLASTIC LEAGUE.*



This is a Good Quality, popular priced Ball; Correct in Size and Weight.

Rubber Center; Compressed Felt Core, Yarn Wound; Genuine Horsehide Cover, Stitched with Red and Blue Thread

Per Dozen

No. S/30—**SIMMONS** INTERSCHOLASTIC LEAGUE*; Weight per dozen about 4¾ lbs.....$16.80

Each Ball Wrapped in Tissue, in an Individual Carton.

SIMMONS BOY'S AMATEUR.*

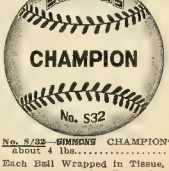
A Well made Ball for Practice Play.

Compressed Center, Carefully Wrapped; Good Quality Horsehide Cover, Stitched with Red and Blue Thread, Full Size and Weight.

Per Dozen

No. S/31—**SIMMONS** BOY'S AMATEUR*; Weight per dozen about 4¾ lbs.....$7.20

SIMMONS CHAMPION.*



Compressed Center, Genuine Leather Cover, Stitched with Red Thread; Full Size and Weight.

Per Dozen

No. S/32—**SIMMONS** CHAMPION*; Weight per dozen about 4 lbs.....$3.75

Each Ball Wrapped in Tissue, in an Individual Carton.
One Dozen in a Carton.

★ Agfa Film ★

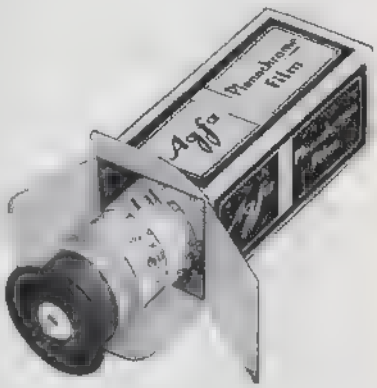
Taken in San Francisco harbor on Agfa Plenachrome Film

TRAVEL offers the camera enthusiast many opportunities for unusual photographs. But you seldom have the same opportunity twice.

That means you must get the picture the first time. And in order to be sure of doing this, it is necessary to use a film you can depend on.

That is why so many exacting photographers prefer Agfa Plenachrome Film. Its extra margin of quality not only means good pictures under the kind of conditions that you ordinarily meet . . . but means the best possible pictures even under unfavorable conditions.

Use Agfa Plenachrome Film. We know it will give you the kind of pictures you like to take. We are so sure of it, in fact, that we offer every roll of Agfa Plenachrome Film with the guarantee of "Pictures that satisfy or a new roll free."



Made by **AGFA ANSCO CORPORATION**

IN BINGHAMTON, NEW YORK

Every day, industry is discovering more places where money can be saved with Aluminum Paint.

When you paint with Aluminum, you cover the surface with a trillion tiny polished flakes of corrosion-resistant metal. These flakes leaf together during application to form a veritable coat of metal protection that turns dark interiors into bright, highly-reflective surfaces; forms a barrier to the destructive action of sunlight; retards the penetration of moisture; and is highly resistant to the corrosive attacks of most industrial fumes.

All through its long life, Aluminum Paint loses little of its initial high reflectivity.

The high visibility it gives to highway bridges or transmission towers is long-lived, too. Lasting reflectivity keeps oil tanks cooler, checks evaporation. The cost is no more than ordinary paint.

We do not make paint. We do make the shining flakes, from the metal that Nature made so resistant to corrosion. Under the name ALCOA ALBRON, leading paint manufacturers supply them to you, in the form of paste or powder, with their own carefully compounded vehicles. The way to be *sure* is to specify ALCOA ALBRON pigment and a good vehicle. ALUMINUM COMPANY OF AMERICA, 1899 Gulf Building, Pittsburgh, Pa.

ALBRON

ALCOA ALBRON
PASTE AND POWDER FOR
ALUMINUM PAINT

It pays to ask

WHAT MAKES THE WHEELS GO 'ROUND

If the answer is Lynite Lo-Ex Pistons and an Alcoa Aluminum Cylinder Head on the motor, you are having automobile performance with a capital P.

The keys to that answer are lightness and heat conductivity, two fundamental advantages of Aluminum.

You drive faster, farther, these days. You call on your motor to turn over as fast as 4,000 revolutions per minute. That provides bearings!

Light Aluminum Pistons decrease that punishment, increase bearing life. They give you flashing acceleration, and a smooth, responsive motor. Lynite Lo-Ex Piston replacements, including the famous T-Slot design, and scuff-resisting Alumdite finish, represent the greatest advance in the piston art.

Aluminum Cylinder Heads, because of the metal's superior thermal conductivity, eliminate dangerous hot spots, and actually increase power from 5 to 15%, with *lower operating costs*.

If lightness in moving pistons makes the motor of your car operate better, what about lightness in your own product, your own equipment? Likewise, the superior heat conductivity of Aluminum may work the same wonders in your processes that it does in cylinder heads.

Nature made Aluminum light. Research made it strong and versatile, and economical for you to use. Our engineers are available for consultation. ALUMINUM COMPANY OF AMERICA 1399 Gulf Building, Pittsburgh, Pa.

MORE CURIOUS FACTS ABOUT *Southern California*

FIRST discovery of California gold was made *in England* in 1831. (Found on the roots of trees sent back by a Scotch botanist.)

★

Famous Southern California extremes: world's largest vineyard, olive, citrus groves; highest U. S. point (Mt. Whitney); lowest U. S. point (Death Valley); largest U. S. city in area (Los Angeles); world's oldest, largest living thing (4000-year-old tree).

★

Southern California is sometimes called the "millionaires' playground." Yet costs here are 18% under the U. S. average.

★

The first transcontinental train trip to California in 1869 took 6¼ days. Now it's just overnight from New York by plane, 3 days by train, 5 to 7 by auto or stage. Ships took 3 months; now 2 weeks.

★

Although the highest U. S. mountain range extends the length of California, slopes are so gradual that cross-country motorists detect no "mountain driving" at all.

★

Gas from hot geysers at Salton Sea is compressed into "dry ice" to refrigerate fresh fruit.

★

Southern California has sunshine an average of 355 days out of the year's 365.

★

The climate is only one reason for Southern California's unique open-air markets. Scarcity of flies and other insects is another.

★

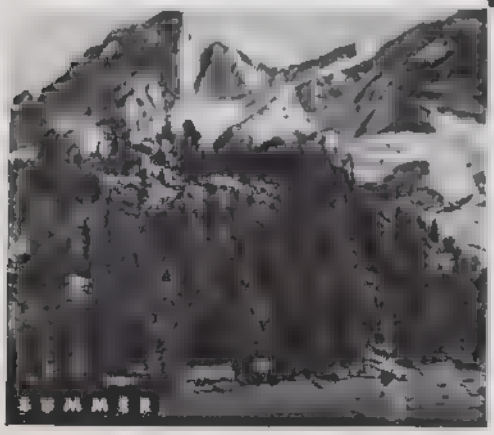
Movie studios find right here virtually every type of the world's scenery: Alps, South Seas, Sahara, Black Forest, Riviera, Irish Lakes, etc.

★

From Mt. Wilson you can see Pasadena, Long Beach, Santa Monica, Glendale, Beverly Hills, Pomona and 50 other cities in one view.

★

By Pony Express, mail cost $10 an ounce between California and the East. Today a penny postcard carrying this coupon brings you FREE an interesting, 80-page book answering impartially every Southern California vacation question (what to do and see, itemized costs, 100 photographs, maps, etc.).



ALL-YEAR CLUB OF SOUTHERN CALIFORNIA

Come to California for a glorious vacation. Advise anyone not to come seeking employment, lest he be disappointed; but for tourists, the attractions are unlimited.

MAIL COUPON TODAY

All-Year Club of Southern California,
Dept. 11-G, 629 So. Hill St., Los Angeles, Calif.

Send me *free* book with complete details (including costs) of a Southern California vacation. Also send free routing by ☐ auto, ☐ rail, ☐ plane, ☐ bus, ☐ steamship. Also send free booklets about counties checked ☐ Los Angeles, ☐ Santa Barbara, ☐ Riverside, ☐ Orange, ☐ Inyo, ☐ San Diego, ☐ Ventura, ☐ San Bernardino, ☐ Imperial.

*Name*_____

*Address*_____

—Come do all these things yourself. Look how easy and inexpensive it is:

Even from New York, Southern California is just overnight by plane, 3 days by train, 5 to 7 by motor or stage, 2 weeks through the Panama Canal. So even a short vacation is ample. And costs here are 18% under the U. S. average; *half* the "peak prices" of many short-season resorts.

The map, although we couldn't picture the climate, suggests why travelers tell us there are more different ways to have fun in Southern California than in any other single resort.

FREE: ***Automatic Trip Planner***

Your trip plans itself from the time you leave home till you're back again, with this new, 80-page Official Southern California Guide Book. What to do and see, over 100 pictures taken in settings shown here, maps, itemized costs, free routing, etc. . . . facts not available elsewhere, furnished by this non-profit civic organization.

(Limited offer: Would you like, free, an enlarged full color copy of the above "Fun Map" containing no advertising? Just mark the coupon.)

ALL-YEAR CLUB OF SOUTHERN CALIFORNIA

Come to California for a glorious vacation. Advise anyone not to come seeking employment, lest he be disappointed; but for tourists, the attractions are unlimited.

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All-Year Club of Southern California,
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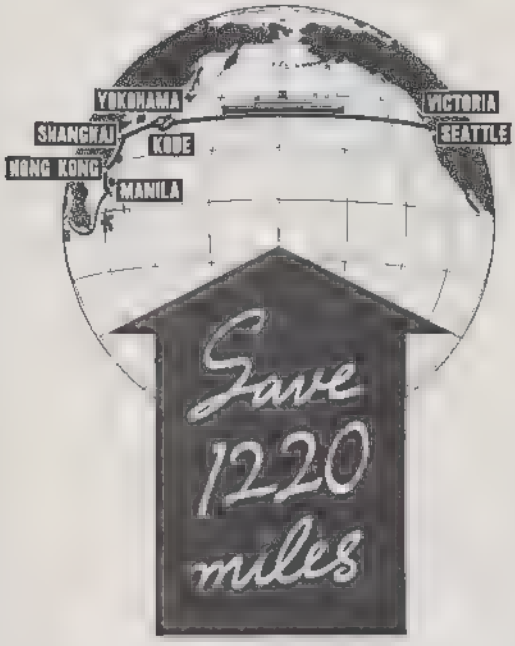
Name _____

Street _____

City _____ *State* _____



This is the direct route that American Mail Liners sail to Japan, China and the Philippines. It saves 1220 miles each way and gives you more time in the Orient, where it counts.

THE PORT

American Mail Liners sail every other Saturday from Seattle, in the center of the vast Evergreen Playground. The Olympic Peninsula, Rainier National Park, Vancouver, B. C., Harrison Hot Springs, Puget Sound . . . all these can be part of your vacation, if you choose.

You sail at 11 a. m., cruise up the smooth waters of Puget Sound by daylight, stop at Victoria (a romantic, truly "English" city), then speed out the Straits of Juan de Fuca for a short, fast trip to Yokohama, Kobe, Shanghai, Hong Kong and Manila.

THE SHIPS

American Mail Liners are big, steady-riding ships, 535 feet long. Every stateroom is outside, with luxurious twin beds. Outdoor swimming pool. College orchestra. Glass-enclosed promenade decks. Delicious food.

Fares to the Orient are as low as $285 First Class and $160 Tourist from Seattle and Victoria, B. C. For full details, SEE YOUR TRAVEL AGENT, *or write American Mail Line, 604 Fifth Ave., New York; 110 S. Dearborn St., Chicago; or 1300 Fourth Ave., Seattle. Offices in other principal cities.*

Do new things in Photography

CONTAX

NEW principles of construction, plus its superb Zeiss lenses, make Contax a camera of unlimited possibilities. Takes pictures you would not even attempt before—Day or night shots . . . Fastest action at 1/1000th sec. . . . Unposed candid photos, even in ordinary artificial light.

12 interchangeable Zeiss lenses for all types of photography. Only Contax has the super-fast *F/1.5 Zeiss Sonnar lens.* Unrivaled for night pictures. Automatic range-finder focusing assures critically sharp negatives (splendid enlargements). Easy daylight loading with 36-picture film spool. At leading dealers.

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Price, complete as illustrated, $18.75, in mahogany or walnut finish; in genuine mahogany or walnut, $24.50.

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Manufacturers of Sectional Bookcases since 1899
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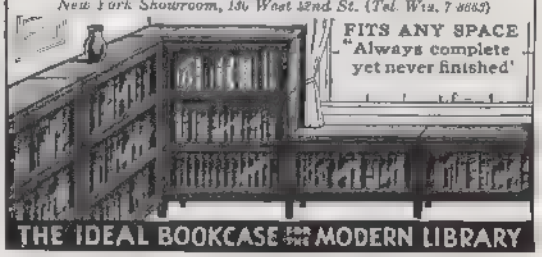


THE IDEAL BOOKCASE FOR THE MODERN LIBRARY

ORDER NOW *For Christmas*

Each sheet and envelope of this fine note paper is neatly printed with name and address — a distinctive, personal touch that makes a pleasing gift...Size and style are correct. The quantity is enormous. And the quality is the kind you would expect to find only in ***expensive*** boxes of stationery. We use only pure white, ***rag content*** bond paper in the manufacture of American Stationery. You couldn't ask for a finer grade.

300 NOTE SHEETS • 150 ENVELOPES

All neatly printed with name and address

Our customers, all over the world, have bought ***millions*** of boxes of this printed stationery for Christmas gifts. No matter what other writing paper one may have in his home, there is a place also for the "450 PACKAGE." It properly fits more writing purposes than any other type of stationery. And it is correct for men, women and children.

We print name and address or any "form," not to exceed four lines, 30 letters per line, on each sheet and envelope. The size of the sheet is 6 x 7; envelopes to match. All are neatly printed in rich, Dark Blue ink.

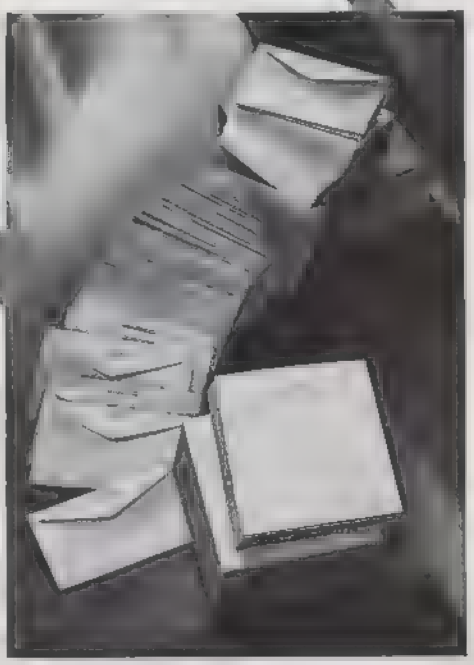
Prompt Delivery Send us the names and addresses of the friends you wish to remember at Christmas together with $1.00 for each name. ($1.10 west of Denver, Colo., and outside of U. S.) Your packages will be mailed within three days of receipt of your order. And if your ***own*** supply of stationery is running low, be sure to include an order for yourself!

THE AMERICAN STATIONERY COMPANY

300 PARK AVENUE • PERU, INDIANA

SATISFACTION GUARANTEED OR YOUR MONEY PROMPTLY REFUNDED

• • Do you use a good, rag-content writing paper for your "everyday" notes and letters? • **YOU CAN, WITHOUT FEELING A BIT EXTRAVAGANT**



THE real beauty of using American Stationery is that you know it is ***correct.*** Not only in style, but in ***quality.***

The price is so little you might expect the paper to be inferior. But that is not so. It is ***better*** paper than found in many high priced boxes.

Besides, each sheet and envelope is printed with your name and address—the smart and logical way to have your stationery made up. It is a safeguard against lost letters. It is an automatic precaution against illegible signatures and the inconvenience such signatures cause. It is distinctive. Send $1.00 for a box ($1.10 west of Denver, Colo., and outside of U. S.). We know you'll be delighted. If not, ***your money will be immediately returned.***

THE "450" PACKAGE

300 Note Sheets
150 Envelopes
Printed with your Name and Address

$1.00 *Postpaid*

FOR CHRISTMAS

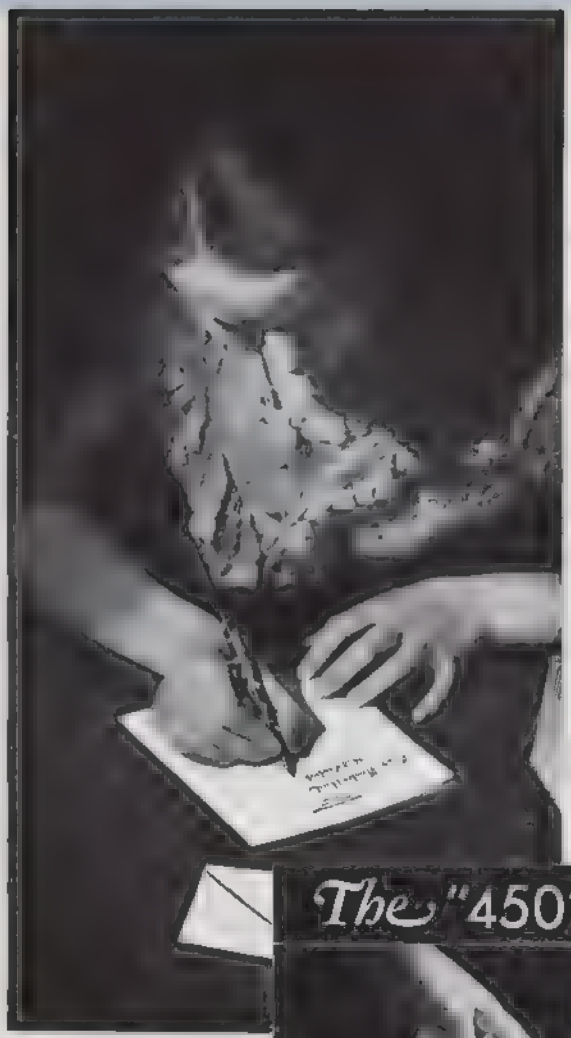
● Thousands of packages of American Printed Stationery are given every year for Christmas. It makes a perfect gift—and an inexpensive one. Why not get part of your Christmas shopping finished *now*—simply by sending in your Christmas orders today?

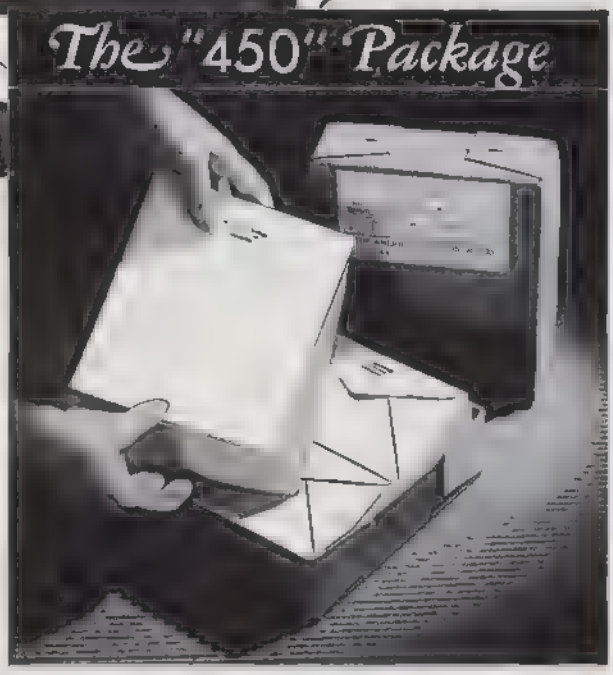
THE **AMERICAN STATIONERY** CO.
300 PARK AVE. **PERU** INDIANA

300 NOTE SHEETS 150 ENVELOPES

All Neatly Printed with Your Name and Address

$1.00 POSTPAID





Everyone likes this lovely stationery. It is a practical note paper for all kinds of every day notes and letters. It *properly* serves more writing purposes in the home than any other type. It is correct in style and size. Each sheet and envelope is neatly printed with your name and address—the smart and logical way to have your stationery finished.

FINE QUALITY The quantity is big — but the really amazing thing about the "450" Package is its *quality*. Actually, finer paper is used than is found in many boxes of high priced stationery. It is pure white, high grade *rag content* bond paper—a paper made for the pen. It doesn't "blot"—it doesn't "scratch."

Send $1.00 for a trial package (west of Denver, Colo., and outside of U. S. $1.10). You'll be delighted with your bargain. If not, your money will be *immediately* refunded.

FOR CHRISTMAS

● The "450" Package is a little gem among gifts..correct in style and quality, in perfect taste—and *personalized.* If you haven't yet sent in your Christmas order, better do so at once..All packages printed and mailed within three days of receipt of order.

THE AMERICAN STATIONERY COMPANY

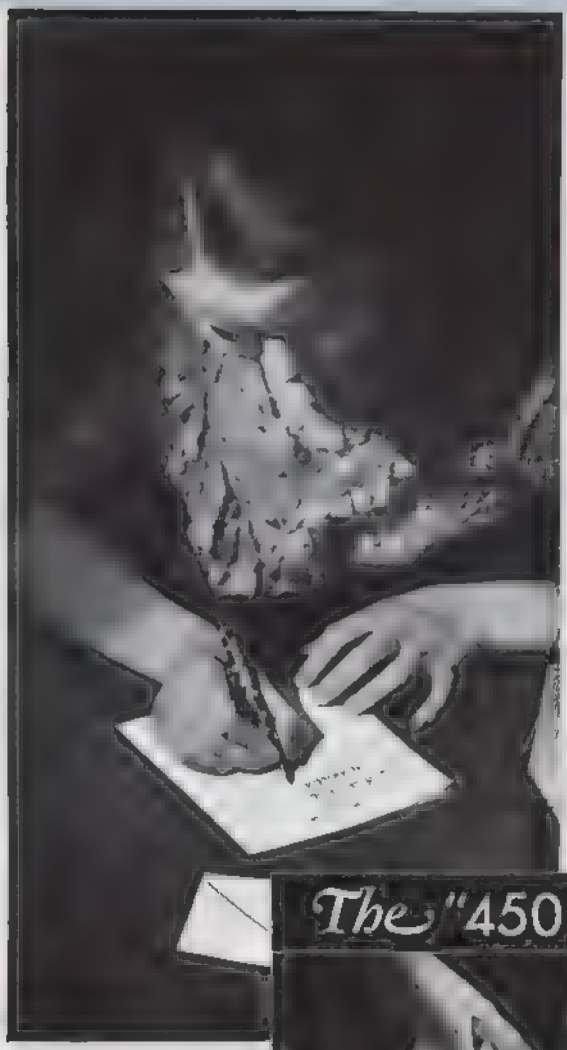
300 PARK AVE. **PERU** INDIANA

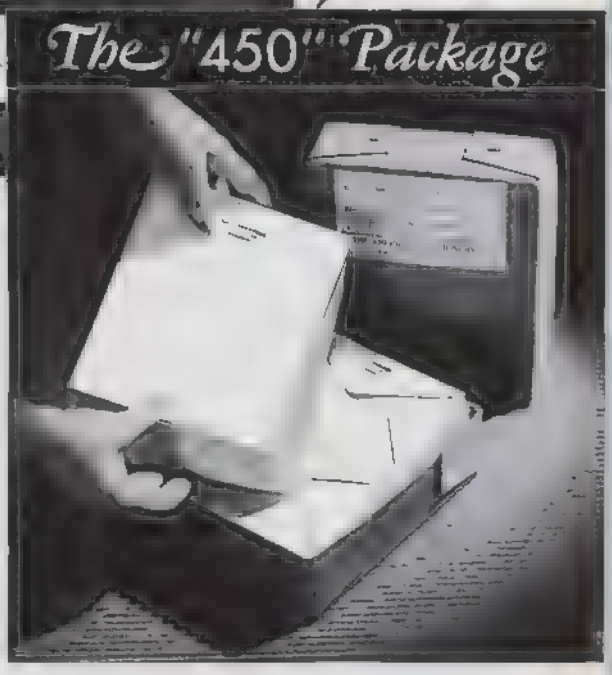
FOR TWENTY YEARS, THE STANDARD PRINTED NOTE PAPER

300 NOTE SHEETS 150 ENVELOPES

All Neatly Printed with Your Name and Address

$1.00 POSTPAID





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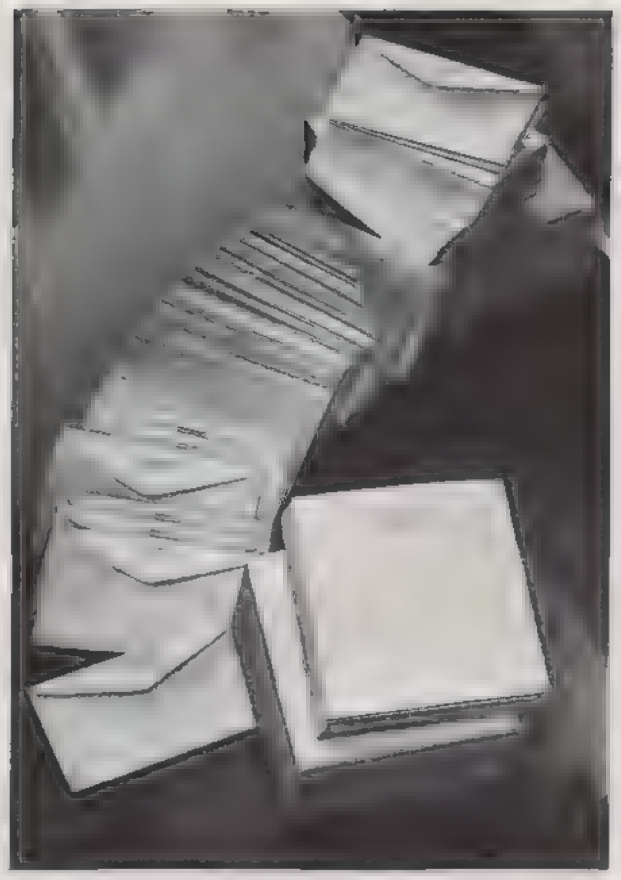
THE AMERICAN STATIONERY COMPANY

300 PARK AVE. **PERU** INDIANA

FOR TWENTY YEARS, THE STANDARD PRINTED NOTE PAPER

People from all over the world send to Peru, Indiana, for this fine stationery.



The Big "450" Package

● There is only one reason why people from all over the world send to us for their writing paper: we deliver an ***enormous*** dollar's worth.

300 NOTE SHEETS
150 ENVELOPES
ALL PRINTED WITH YOUR NAME AND ADDRESS

$1.00 *Postpaid*

Try a box. Send $1.00 ($1.10 west of Denver, Colo., and outside U. S.). Your package will be mailed within three days of receipt of your order. ***Satisfaction guaranteed, or your money promptly refunded.***

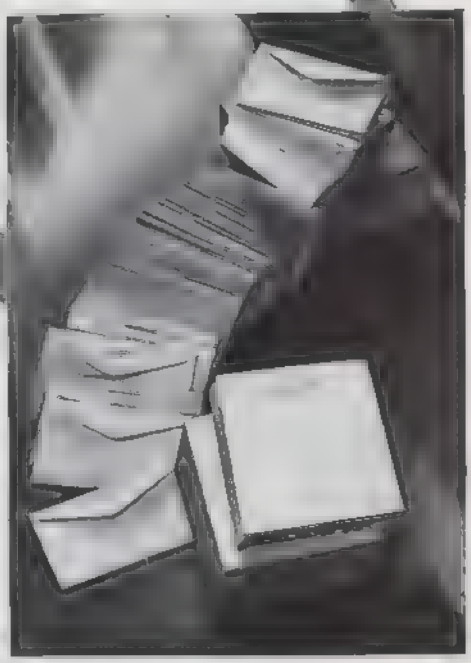
American Printed Stationery is the ideal household note paper—correct for all kinds of everyday notes and letters. Each sheet and envelope is printed with your name and address—the smart and logical way to have your stationery finished. It is made of high grade, pure white ***rag content*** bond paper.

GOING AWAY TO SCHOOL?

For years American Printed Stationery has been a favorite among college men and women. If you're getting ready for school you better order your "450" package ***now*** while you think of it. There is no writing paper you can buy that is in better taste—no writing paper that will give you such great satisfaction at such little cost!

THE AMERICAN STATIONERY CO.
300 PARK AVE. PERU INDIANA

• • Do you use a good, rag-content writing paper for your "everyday" notes and letters? • **YOU CAN, WITHOUT FEELING A BIT EXTRAVAGANT**



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The price is so little you might expect the paper to be inferior. But that is not so. It is ***better*** paper than found in many high priced boxes.

Besides, each sheet and envelope is printed with your name and address—the smart and logical way to have your stationery made up. It is a safeguard against lost letters. It is an automatic precaution against illegible signatures and the inconvenience such signatures cause. It is distinctive. Send $1.00 for a box ($1.10 west of Denver, Colo., and outside of U.S.). We know you'll be delighted. If not, ***your money will be immediately returned.***

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Measuring 29"x31½", printed in ten colors, the map shows new political boundaries, railway and airplane routes, highways, and up-to-date physical data

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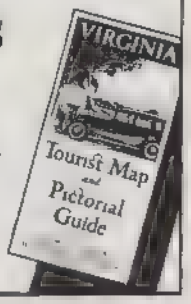

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Beneath stars of the Southern Cross, in the New World beyond the Equator, a proud young nation calls: "Welcome to Australia!" ***From Sydney's harbor to the Swan River at Perth, progress strikes a vivid note. From marine marvels of Barrier Reef to the playgrounds of Melbourne, Adelaide and Hobart sport rings a challenge. From Cape Howe to Darwin, ancient life presents strange contrasts to modern development.*** Chart on YOUR holiday-map this land of richest novelty! Australia is NOT far off... strewn along the ocean trail are fascinating isles... Hawaii, Tahiti, Samoa, Rarotonga, Fiji, and New Zealand. Low fares and favorable exchange contribute ease to your adventure

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July, 1935

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Vehicles
and
Bicycles

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Be ready with the new Colson Rocket Velocipede, which is setting the pace for Children's Vehicle sales. Here is a leader with real sales appeal, priced for rapid turnover and good profits, but with the sturdy, underlying Colson quality that is so important in winning repeat business.

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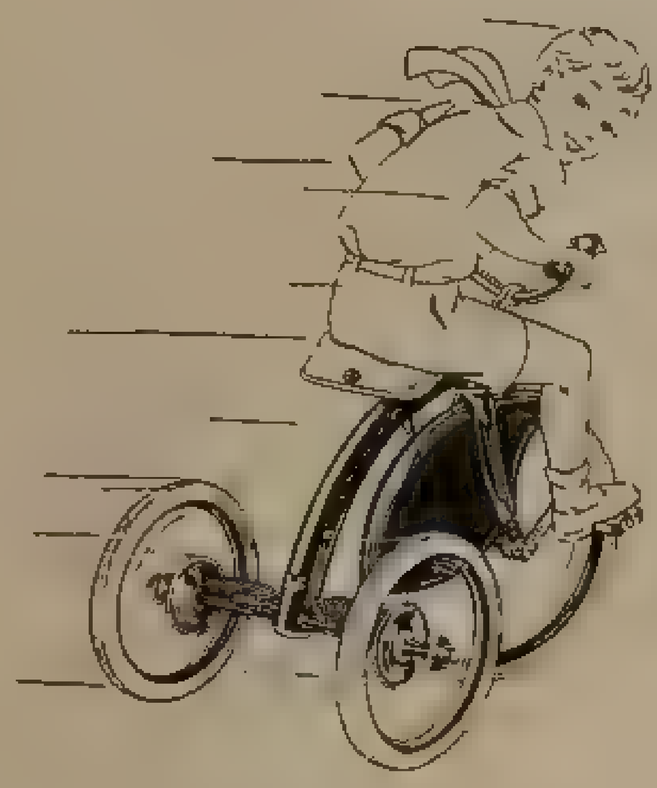
TAYLOR velocipedes



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FUNNYBONE TICKLERS

Try Alaska

Tourist: "I've come here for the winter."
Californian: "Well, you've come to the wrong place. There's no winter here."

Call It Conscience

An Irishman who had been advised by his attorney to plead guilty as a first offender stood in the dock.
"Are you guilty or not guilty?"
"Guilty, yer honor, and I've got witnesses to prove it."

Up Luck

Is he a reckless driver?
"Only when the road turns the same way he goes, it's just a coincidence."

Lying Down on the Job

The football soared through the air and fell into the barnyard right at the rooster's feet. A look of wonder came into his eyes as he surveyed it from all sides. Then he gravely pushed the ball into the henhouse and fooled his harem. "I'm not complaining, ladies," he said, with an all-inclusive bow, "but I just want you to see for yourself the work that is being done in the other yard."

Tactful

The dinner guest's nose was exceptionally large, and father had noticed Willie staring at it. Expecting the boy to make some frank and outspoken comment he gave him a disapproving glance.
"That's all right Dad," came the reassuring response. "I'm not going to say anything. I'm just looking at it."

Looks That Way

The reporter who has just dropped in on the family group: "So this is your uncle's funeral, Perkins?"
Office Boy (with great presence of mind): "Looks like it, sir. He's the referee."

Sure Enough!

The man entered the country postoffice and asked: "Have you a parcel for Mr. Jones?"
"I have," replied the postmaster, "but how do I know you're the man?"
The man produced a photograph of himself. "Have a look at that," he said. "That looks like me, doesn't it?"
"So it does," exclaimed the postmaster and handed over the parcel without another word.

And Cocoa Butter

"You know fish is brain food, but I don't care so much for fish. Isn't there some other brain food?"
"Well, there's noodle soup."

Never Missed One Yet

"Aren't auto-mobiles little things? They work all the time I ever play."
"Oh, I don't know. They attend an awful lot of gas."

Happy Ending

Actor: "How did your act go?"
Actor No. 2: "Oh swell, but just before my act there was a juggler named Harry and they hissed him awful."
Actor: "What's that got to do with your act?"
Actor No. 2: "Well in the middle of mine they remembered Harry and started hissing him all over."

Or Heard a Scraping Sound

"What would you do if you woke up and smelled smoke?"
"I'd go back to sleep."
"You would?"
"Certainly. I don't like fires."

After a Day

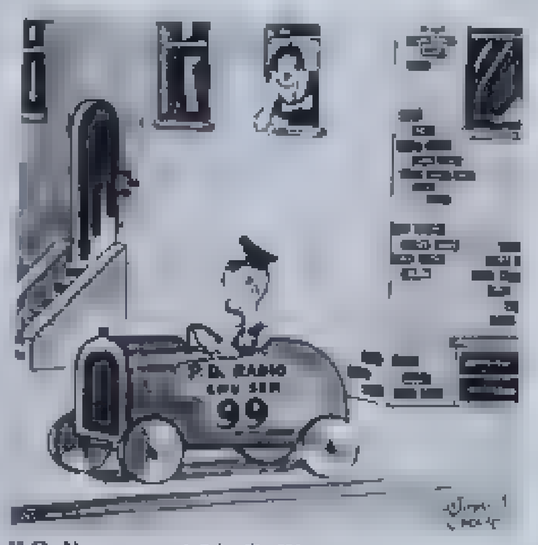
Smith: "You seem to have a bad cold, old man. What are you doing for it?"
Brown: "Today I'm doing what Craig told me to do. It's Jones' day tomorrow, and the next is Hudenbeck's. If I'm not better by Sunday, and if I'm still alive, I will try your remedy. Will you please put it on your memo pad?"

Not a Hundred-Yard Dash

The young man grasped the hand rail of the car and swung himself up to the rear platform, gasping for breath. It was plain that he was quite winded. A bronzed, heavy set middle-aged man eyed him with disfavor. "When I was your age young man," he remarked, "I could sprint down the station walk and catch a train without puffing like that."
"Yes, but I—missed this one—at the just station I wanted the new nerve."

Grit

The captain of a steamer took on two hands—one a Kirkaldy man without a written character, and the other from Dundee, possessed of abundant references. The had not been long at sea when they encountered rough weather, and the Dundee man, when crossing the deck with a bucket in his hand, was swept overboard.
The Kirkaldy man saw what had happened and sought out the captain. "Dae ye mind yon man from Dundee," he said, "that ye engaged wi' the fine character?"
"Yes," said the captain. "What of it?"
"Weel," was the reply, "he's back wi' yer bucket."



"Calling car 99! Calling car 99! Go to Heine's butcher shop and pick up a pound of hamburger."

Justice

Judge: "You admit you drove into this man with a loaded truck?"
Driver: "Yes, your honor."
Judge: "And what have you to say in your defense?"
Driver: "I didn't know it was loaded."

Not Quite

Employer: "John, I wish you wouldn't whistle at your work."
John: "I wasn't working, sir."

Decision

Hotel Manager: "Do you want the porter to call you?"
Guest: "No, thank you. I awake every morning at seven."
Hotel Manager: "Then would you mind calling the porter?"

What About Today?

Jim: "I hear your car has a new engine in it."
Jack: "But that doesn't matter. At ten miles an hour it simply purrs. I rather like the idea of getting up at two o'clock in the morning to put the car away."

How Depression Stab

Jones: "Well, how are you getting on in your new home, Smith?"
Smith: "Oh, splendidly. We furnished two of the bedrooms by collecting stamps."
Jones: "Didn't you furnish the other seven rooms?"
Smith: "We sold them to call on us."

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Get this great outfit! Make toy castings of Buck with his marvelous Disintegrator Pistol... Wilma Deering, his faithful Lieutenant . . . and Killer Kane, the arch-criminal of the 25th Century. Paint your castings in bright, lifelike colors. Make all the toys you want. Sell them at a big profit! Millions of people are interested in Buck's adventures... and follow them daily in newspapers and radio. Start your own toy business with this complete outfit. Make real money.

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"I'd like to buy a telephone call"

WHEN you call a telephone number on the other side of town, you are making an important purchase. You say in effect—

"Give me the use of some miles of wire in a cable under the street, a section of switchboard and all the other equipment needed in the central office. I shall need one kind of current to carry my voice and another to ring the bells that signal the other party. I may need the services of an operator or two. I want all your equipment to be in perfect working order so that my call is clear and goes through without interruption. I would like this all arranged to connect me with my party instantly—and at a cost of a nickel or so."

Telephone people are asked to do this millions of times a day and find nothing unusual in the request. But to do it at the price you pay for telephone service—in fact, to do it at all—has taken the most skilful and unremitting research, engineering and organization.

Telephone service in the United States is the most efficient, dependable and economical in the world.

More than one-half the telephones in the world are in the United States although this country has only 6% of the world's population. Fifty years of progress under the Bell System plan of operation have brought the telephone within reach of all.

BELL TELEPHONE SYSTEM

IF THE *Telephone* WERE NOT THERE!

MANY times each day you reach for the telephone on your desk at the office or in its familiar spot at home. It is an old and trusted friend. You scarcely give a thought to what it means to a busy day.

Yet suppose the telephone were not there! Suppose—for a week—or a month—you could not call anybody by telephone and nobody could call you! The whole machinery of business and the home would be thrown out of gear. Orders would be lost—efficiency and profits reduced. You would be out of touch with the world about you.

America needs quick, reliable, efficient telephone service to get things done in the brisk, up-to-the-minute American manner. And it enjoys the best service in the world.

Greater progress has been made in this country because of the Bell System's one policy, one system and universal service.

America leads in telephone service. In relation to population, there are six times as many telephones in this country as in Europe and the telephone is used nine times as much.

BELL TELEPHONE SYSTEM

Years of Progress

HAVE BROUGHT MANY IMPROVEMENTS IN TELEPHONE SERVICE

BACK in the early days of the telephone, practically all wires were carried overhead on poles or on house-tops. Some of the tallest poles carried as many as thirty cross-arms and three hundred wires.

If the old system were in use today the streets of our larger cities would scarcely have room enough for their canopy of wires. Traffic would be impeded, telephone service subjected to the whims of nature.

Better ways had to be found and the Bell System found those ways. As many as 1800 pairs of wires are now carried in a cable no larger than a baseball bat. Ninety-four per cent of the Bell System's 80,000,000 miles of wire is in cable; sixty-five per cent of it is beneath the ground.

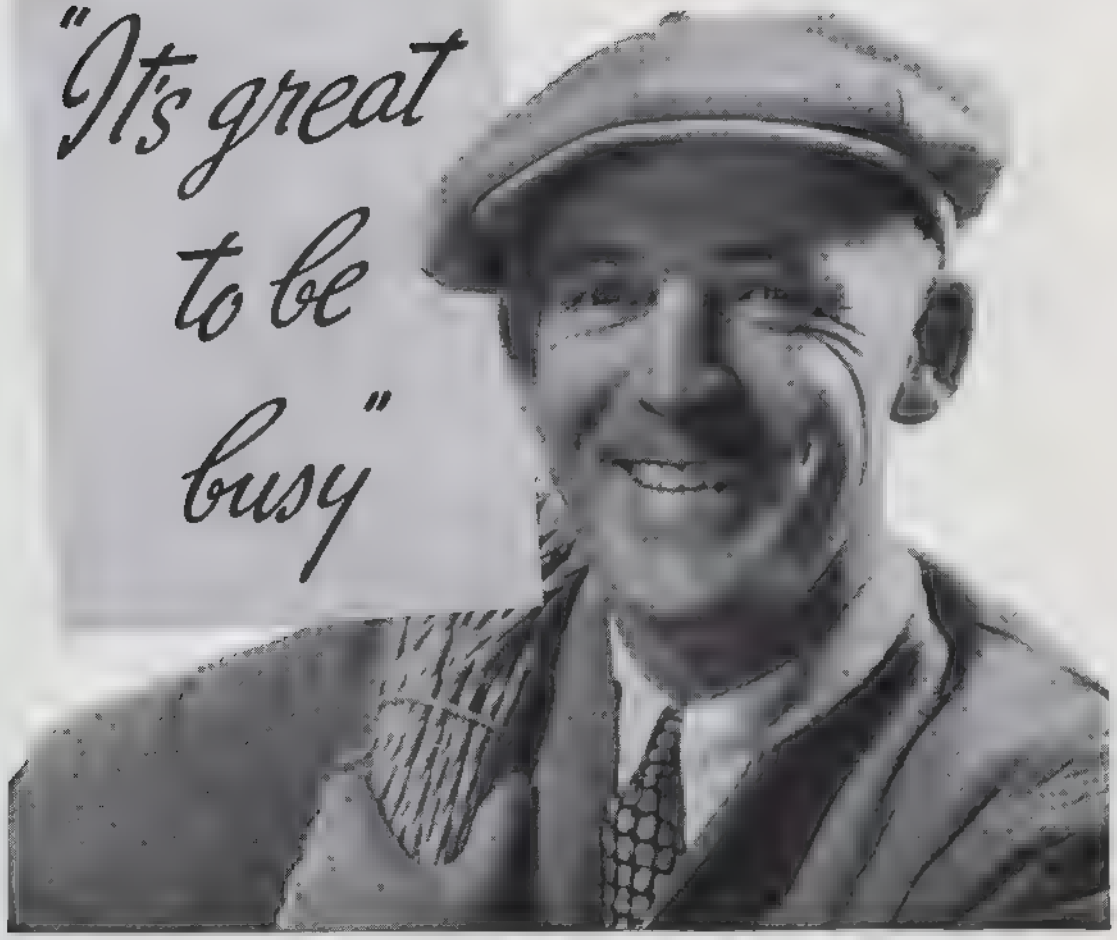
This has meant a series of conquests of space, and insured greater clarity and dependability for every telephone user. But it is only one of many kinds of improvements that have been made.

The present generation does not remember the old days of the telephone.

Service is now so efficient that you accept it as a matter of course. It seems as if it must always have been so. Yet it would be far different today if it were not for the Bell System plan of centralized research, manufacture and administration —with localized operation.

BELL TELEPHONE SYSTEM

"It's great to be busy"



"I'M A telephone installer and I like to be busy. A good many people are calling up these days and saying they would like to have a telephone put in.

"Often they will make an appointment and it's my job to be there on the dot. The company is a stickler for that. More than 97% of the appointments made with subscribers are now met at the exact time requested. We're trying to do even better than that.

"Seems to me it's something worth while—putting in a telephone. People always seem happier when I tell them they are connected and everything is O. K. Especially if they have been without the telephone for a little while. Most everybody says the same thing—'We missed it.'

"Well, I hope it keeps up. It means a lot to have a telephone in the house and it means a lot to us fellows who work for the telephone company."

The Bell System employs a total of 270,000 *men and women. They are your friends and neighbors. Good business for the telephone company is a sign of prosperity in the country.*

BELL TELEPHONE SYSTEM

SWIFT, SKILLED, COURTEOUS SERVICE

SHE is one of 100,000 operators in the Bell System — local operators, special operators for the dial system, toll operators, information operators and many others — all specialists in giving you efficient telephone service.

The alert, friendly voice of the operator is familiar to all who use the telephone. Through the years it has come to mean more than a voice. It is the symbol of politeness and efficiency.

The manner of this service is as important as the method. Even a few words can reflect a courteous attitude.

The operators in the Bell System are carefully trained. But there is something more to it than training — a spirit of loyalty and of pride in rendering an important service. This spirit is ever-present — it has brought especially high commendation in time of emergency.

Truly the telephone operators have been called "Weavers of Speech." Their swift, skilled fingers intertwine the voices and activities of communities and continents. For daily, as upon a magic loom, the world is bound together by telephone.

BELL TELEPHONE SYSTEM

Added Safety for High-Speed Trains

A COMPLETE CHECK ON SWITCH POINTS

WITH DISTANCE SIGNAL WARNING

FIVE POINTS OF SAFETY

1 Danger is indicated the instant the latch holding the switch-stand lever is lifted.

2 Danger is indicated as soon as the switch points are moved more than ⅛ inch from their main line position, and danger continues to be indicated until the switch points are restored and locked in the main line position.

3 Danger is indicated if the switch is run through, leaving the switch points open ⅛ inch or more

4 Safety is indicated only when switch points are in correct position for safe main-line operation and the switch-stand lever locked

5 Switch points protected by a positive safety point-lock automatically operated by the switch stand.

WITH the new Bethlehem Five-Point Safety Switch Control, a switch is completely and positively safeguarded. This device, known as the Bethlehem Positive Signal Stand, besides serving as a switch stand, throws a derailer in a turnout, operates a distance signal indication and also embodies a facing-point lock and a switch-point detector.

This new Bethlehem development gives warning of any lurking danger at the switch, even when it is of such a nature that the target indication is clear. A switch may have been run through and the points left open without changing the target position The Bethlehem Positive Signal Stand warns of this, or any other derangement leaving the points open ⅛ inch or more.

With the Bethlehem Positive Signal Stand, any switch in track-circuit territory can be made as safe as though controlled from an interlocking plant. The safety of high-speed train operation is substantially increased.

Write for complete detailed information on this new development.

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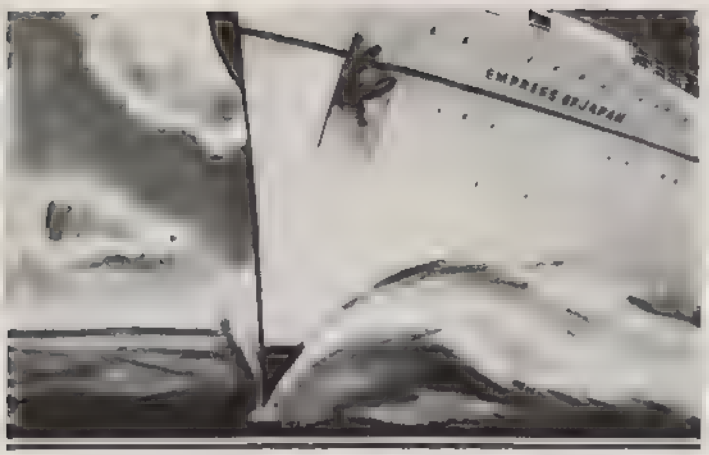

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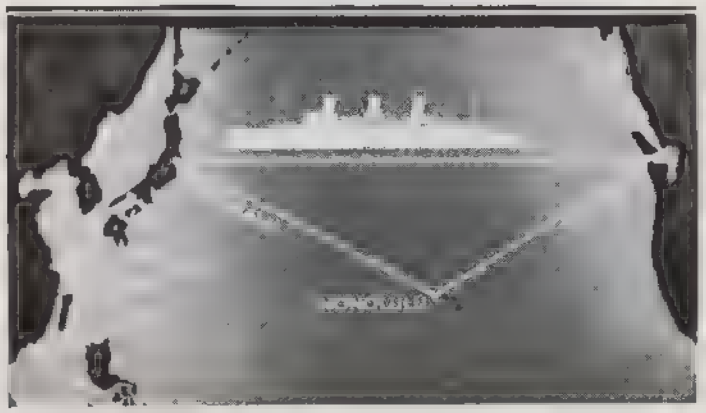

Movies "worth a million" for less than a dime

● Where there's life there's action . . . the gay high spots . . . big events—that you don't want to forget. But don't trust to memory alone—the one sure way to remember is with movies. And now it's so inexpensive to make your own priceless movie record. For Ciné-Kodak Eight makes a full-length scene for less than 10¢.*

Two things make movie economy

Low-cost film—an inexpensive camera—you need them *both* for real movie economy. Ciné-Kodak Eight's price fits even the most modest budget, but, still more important, it uses an entirely new type of film which gives you *four times as many movies per foot.* A twenty-five foot roll of Ciné-Kodak Eight Film runs just as long on the screen as 100 feet of any other home movie film.

The Eight fits in your pocket—is as easy to use as a Brownie. Beautifully made, it costs only $34.50.

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* Ciné-Kodak Eight makes 20 to 30 movie scenes—each as long as the average scene in the news reels—on a roll of film costing $2.25, *finished, ready to show.*

Ciné-Kodak EIGHT

Wouldn't you pay a dime for a movie of this?

▪ Their first puppies . . . and what playmates they'll be. Here's one of life's high spots filled with action. Ciné-Kodak Eight saves such scenes in movies for less than 10¢.*

How can Movies cost so little?

AN ENTIRELY new type of film does the trick, made especially for Ciné-Kodak Eight . . . this film gives you *four times as many movies per foot.* A twenty-five foot roll of Ciné-Kodak Eight Film runs as long on the screen as 100 feet of any other home movie film . . . and there's no loss of quality—the movies are bright and clear. Ciné-Kodak Eight fits your pocket and yet it's a real, full-fledged movie camera, beautifully made—easy to use as a Brownie. Best of all, it costs only $34.50.

. . .

SEE THE EIGHT, and the movies it makes, at your dealer's today. Eastman Kodak Company, Rochester, N. Y.

* Ciné-Kodak Eight makes 20 to 30 movie scenes—each as long as the average scene in the news reels—on a roll of film costing $2.25, *finished, ready to show.*

Ciné-Kodak EIGHT

"It will refresh you, too"

THE PAUSE THAT REFRESHES

5¢

Of course there's a Santa Claus. Of course he gets tired and thirsty. Ice-cold Coca-Cola, with energy-giving refreshment, quenches his thirst as nothing else can. It will do the same for you, too . . . of course.

ON THE AIR

Refreshment Time · RAY NOBLE and his orchestra.
CBS coast-to-coast every Wednesday night, 9:30 EST

CUNARD WHITE STAR

Sunshine Cruises

REACH EVERY PLEASURE PORT ON THE MAP

(1) Bermuda. (2) Nassau. (3) Havana. (4) Haiti. (5) Virgin Islands; St. Pierre and Fort-de-France, Martinique; Barbados; Brighton and Port of Spain, Trinidad. (6) La Guaira, Venezuela; Curacao; Cartagena, Colombia; Colon, Panama Canal Zone. (7) Kingston, Jamaica.

(Numbers are keyed to schedule below)

FROM N Y	SHIP	ITINERARY	DAYS	PRICE, MIN
DECEMBER 21	Georgic	(1, 4, 3, 2)	11	$132.50
DECEMBER 27	Majestic	(2)	5	60.00
JANUARY 25	*Carinthia	(2)	6	70.00
FEBRUARY 1	*Carinthia	(2)	6	70.00
FEBRUARY 7	Georgic	(5, 6, 7, 3)	18	210.00
FEBRUARY 28	Georgic	(5, 6, 7, 3)	18	210.00
MARCH 20	Georgic	(5, 6, 7, 3)	18	210.00
APRIL 10	Georgic	(1, 2)	8	100.00

***AND EVERY SATURDAY THEREAFTER TO MARCH 28 INCLUSIVE**

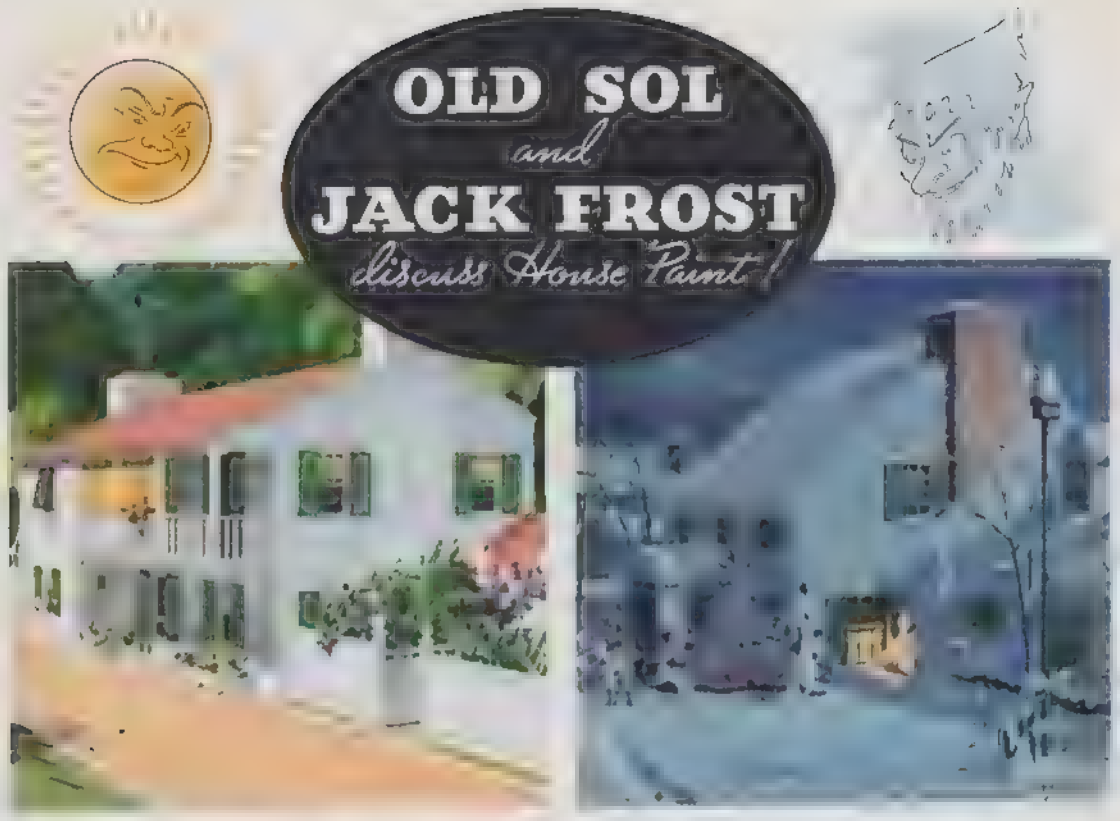
MAKE yours a glamorous getaway from winter's grey horizons. Let the dash and verve of a Cunard White Star sailing lift you smartly from your personal humdrum . . . start you gaily on your way to a brighter, fuller cruise-life.

You have the best of the fleet to choose from: its popular modern motorliner, its largest ship, and a favorite world-cruiser . . . sailing to 15 enticing ports of the West Indies and South America. You can obey that impulse to Escape practically any time you feel it . . . and if it's a big Urge, not to be satisfied with two or three weeks, you have our grandest cruise of all, in the proudest ship: Aquitania to the Mediterranean!

AQUITANIA to the MEDITERRANEAN
from New York Feb. 20 . . . visiting 15 radiant ports . . . full week in Holy Land and Egypt. 40 days—including cruise to Villefranche second call and return transatlantic passage—$575 First Class; $315 Tourist.

Book through your local agent or Cunard White Star Line. Offices at 25 Broadway and 638 Fifth Ave., New York, and in other principal cities.

CUNARD WHITE STAR



LISTEN IN: *you'll learn how to beat their game and the N.H.A. will help you do it!*

"I'M making short work of the paint on this house," boasts Old Sol. "After I've scorched it there won't be much for *you* to do."

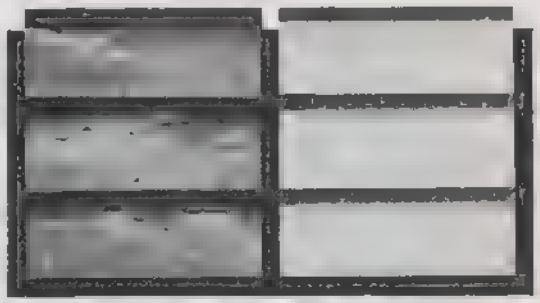
"It's only 'cheap' paint," laughs Jack, "lucky for us it isn't Dutch Boy!"

"You said it, Jack. It burns me up to work on *that* paint and then have so little to show for our pains."

Dutch Boy does not crack and scale, but wears down stubbornly by gradual chalking which leaves a smooth, unbroken surface. You can see the difference between Dutch Boy and "cheap" paint in the photographs on this page. "Cheap" paint, because it cracks and scales, must be burned and scraped off down to the wood. Then a new priming coat is needed—a further expense.

The experienced painter knows that Dutch Boy White-Lead saves you money. He mixes it to meet the requirements of your job and tints it to the exact color you specify. No one knows paint like a painter.

Paint Now . . . Aided by the N. H. A. Under the National Housing Act, you can arrange to paint on an easy-to-pay monthly basis. But whether you use the Government plan or not, send for our free illustrated booklet which tells you what you want to know about painting. Shows what to look for when buying a paint job. Included are clear directions for arranging a painting loan. Write today for "The House We Live In." Address, Dept. 195, nearest branch.



"CHEAP" PAINT
after 1½ years

Cost $110. Now the paint must be burned and scraped off at $60 more. Total, $170 or $113 per year. And on top of all that there's another extra to pay for, the additional cost of a new priming coat.

DUTCH BOY
after 4 years

Exposed, like the "cheap" paint job, to severe northern New York winters. Cost $110, or $30 per year to date, and still less as time goes on. No burning off or new priming coat will be needed at repaint time.

NATIONAL LEAD COMPANY, 111 Broadway, New York; 116 Oak St., Buffalo; 900 West 18th St., Chicago; 659 Freeman Ave., Cincinnati; 820 West Superior Ave., Cleveland; 722 Chestnut Street, St. Louis, 2240 24th St., San Francisco; National-Boston Lead Co., 800 Albany St., Boston; National Lead & Oil Co. of Penna., 316 Fourth Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Bldg., Philadelphia.

DUTCH BOY WHITE-LEAD

Good Paint's Other Name

Skillful Institutional Advertising

An quantities from 5 to 10 per cent of your advertising budget is urged by E. R. Dibrell of E. R. Dibrell, Inc., in addressing the Women's Advertising Club.

In using institutional advertising, the selection of the medium in which it is to be used is most important. The Fifth Avenue buses, before the year of 1933, carried a card of practically every large department store in New York City. Price sales and bargain sales have predominated in department store advertising since 1933 and it is only lately that the department stores have turned again to the use of space in the Fifth Avenue buses.

There is no medium in New York City more logical for institutional advertising than the Fifth Avenue buses. You want to reach customers. We have them in a large group, at an unusual time, when they are on their way to the shopping district and you reach them at a lower advertising cost than they can be reached through any other means. Get your share of the shopping money of Fifth Avenue bus passengers. You can do it by advertising in the Fifth Avenue buses.

We can tell you of the direct returns obtained by small shops who are in a position to trace results obtained by their advertising in the buses. Rates for advertising space in the Fifth Avenue buses may be obtained by application to

John H. Livingston, Jr.,

Advertising Space in the Fifth Avenue Buses

425 Fifth Ave., N. Y. Tel. Caledonia 5-2151

This is the first of a fleet of new streamline buses, which will shortly be put into service on routes of the Fifth Avenue Coach Company, as it appeared near City Hall recently

Make it a GRAFLEX *Christmas*

IN THE OPEN, AND...

With an American-made Graflex Camera, it's always "open season." Indoors and out . . . every picture opportunity is yours. No *focusing guesswork* . . . your Graflex picture will be *exactly* as you see it on the ground glass. America's finest camera "for more interesting pictures" is among the *easiest to use*. That's why *all the family* will enjoy a gift GRAFLEX. There's one for every purse and purpose.

IN THE DARKROOM

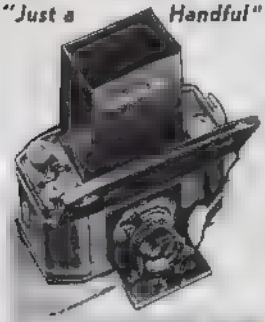
More than half the joy of picture-taking is *picture-making*. But many, lacking space for conventional darkroom equipment, have been denied this pleasure NOW! GRAFLEX revolutionizes darkroom requirements, by consolidating and simplifying the essentials of *picture-making* equipment. Combined into a *single unit* only 11¼" x 13¼" x 26⅜" overall: an *enlarger, contact printer and retouching desk!*

The SERIES *B* GRAFLEX

—illustrated above, is deservedly popular. 24 Graflex Focal Plane Shutter speeds to 1/1000 second. *F.*4.5 lens. Uses film, plates or packs. Sizes: 2¼ ' x 3¼", 3¼" x 4¼", 4" x 5", and 5" x 7".

The National GRAFLEX *Series* II

"Just a Handful" NOW, with the accessory Self-Timer—19 shutter speeds from *10 full seconds* to *1/500 sec.* Itsguess-proofGRAFLEX Focusing is "the tops" for color-film photography. *F.*3.5 lens. 10 pictures 2¼"x2¼' from each 8-exp. film roll.

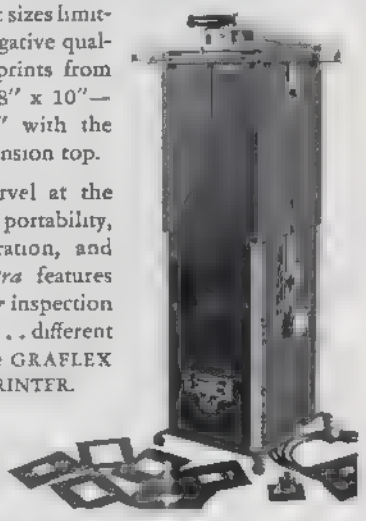


NATIONAL GRAFLEX ACCESSORIES

GRAFLEX ENLARG-OR-PRINTER

—almost a complete darkroom in itself. Makes enlarging as simple as contact printing. Takes negatives to 2¾" x 3¼"—or sections of negatives to 4 ' x 5 ' —enlargement sizes limited only by negative quality. Contact prints from negatives to 8" x 10"—to 11" x 14" with the accessory extension top.

You will marvel at the compactness, portability, ease of operation, and the *dozen extra* features that await *your* inspection of the new . . . different . . . desirable GRAFLEX ENLARG-OR-PRINTER.



See your dealer today! Send for free descriptive literature

FOLMER GRAFLEX CORPORATION
Dept. G-6, Rochester, New York, U. S. A.

Please send descriptive data. I am interested in: Series B Graflex ☐ National GRAFLEX Series II ☐ The New GRAFLEX ENLARG-OR-PRINTER. ☐

NAME_____

ADDRESS_____

CITY_____ STATE_____

When you'll really appreciate

FURNESS

WHEN you're aboard a ship *two weeks* or more—then you really appreciate service, food, atmosphere! That's why on a long voyage you'll be glad you're traveling Furness. Every day you'll be glad to go down to meals, glad of the British way of running a ship, particularly glad that your cabin steward has had long English training.

to **SOUTH AMERICA,** via Furness Prince Line. 13 days to Rio! The four "Princes," brilliant motorships built recently, offer the fastest time by sea to Rio de Janeiro, Santos, Montevideo, and Buenos Aires. Nothing but first-class accommodations, with Furness traditions of service and seamanship. Sailings every fortnight from New York with call at Trinidad on return voyage. "Northern Prince," "Southern Prince," "Eastern Prince," "Western Prince."

to *the* **WEST INDIES,** via West Indies Line. Cruises of 22-25 days to 14 glamorous islands of the "Little West Indies" and Demerara, S. A. Real Furness luxury on famous cruise ships. Sailings fortnightly from New York. $150.00 up.

Apply to your local TRAVEL AGENT

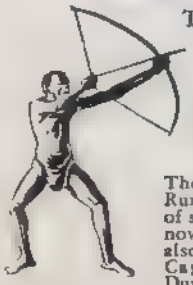
or nearest FURNESS office. New York, 24 Whitehall St. or 634 Fifth Ave. Also Boston, Chicago, Philadelphia, Detroit, Baltimore, Norfolk.

War Dance in Zululand

Just one of a thousand thrilling sights you'll see on this **95-day cruise** to 23 ports of the Mediterranean, East and South Africa, South America, and the West Indies. From New York Jan. 25 on the *Empress of Australia.* $1350 up (rooms with bath $2350 up), including standard shore programme. See YOUR OWN TRAVEL AGENT or

Canadian Pacific

"The QUAKUĀK"



The Bushmen lived in bush-hidden caves, their only weapon the bow and arrow

The Bushmen—or "Quakuāk," as an Arabic geographer called them—and the Hottentot, both fast disappearing races, are interesting subjects of study for the visitor to South Africa.

There are also the mysterious Zimbabwe Ruins—a world riddle, and the scene of some of Rider Haggard's fascinating novels. Rich historical associations also abound in the beautiful cities of Capetown, Pretoria, Bloemfontein, Durban, and elsewhere in the "Sunny Sub-Continent."

South Africa is fertile ground for the student as well as for the tourist in search of glorious travel thrills. Modern transportation, good hotels, and a charming climate make touring in South Africa a genuine delight.

For full information call or write to

Thos. Cook & Son—Wagons-Lits, Inc., 587-N Fifth Avenue, New York, N. Y., or any of their branch offices, or any of the other leading tourist and travel agencies throughout the world.

Come to

SOUTH AFRICA

The Biggest Advance in Skid Prevention in 25 Years

You can look at the winding, twisting design of General's new corkscrew grip tread and see it is entirely different from anything you have ever seen before. This unusual design provides non-skid in all directions—forward as well as sidewise and gives you the longest wearing non-skid ever built into a tire.

The dangers of skidding are too great to risk. Let the General Tire dealer, by actual demonstration, show you the amazing safety features of this tire.

The GENERAL Dual 8

THE "BLOWOUT-PROOF" TIRE

When she has 90 Horsepower to drive

...protect her with "Blowout-Proof" Generals

The greatest value that can be built into a tire is HUMAN MILEAGE—extra quality that makes the tire itself last longer and extra safety that makes you last longer too. That's what we mean by HUMAN MILEAGE. Only in the General Tire are all of these protective features present.

BLOWOUT-PROOF PROTECTION
SKID-SAFE TRACTION
LOW PRESSURE COMFORT
SHOCKLESS RIDING
TENSION-FREE DRIVING

The GENERAL *Dual*-BALLOON

THE "BLOWOUT-PROOF" TIRE

MUTT AND JEFF NEARLY LOSE THEIR JOBS
WELL, JEFF-- WE CAME NEAR BEING OUT OF WORK!
GO AHEAD- TELL ME OUR BOSS BROKE A PENCIL!
STUPID-HE HAD A BLOW-OUT AND HIS CAR DID HAND SPRINGS!
A BLOW-OUT THAT'S BAD NEWS!
ARE WE LUCKY HE DIDN'T GET KILLED!
WHEW! WHAT A CLOSE SHAVE!
"I'LL NEVER JOKE ABOUT A BLOW-OUT AGAIN" says BUD FISHER
Famous Creator of Mutt and Jeff

PLAY SAFE WITH SILVERTOWNS!

"MANY a time I've joked about a blow-out," says BUD FISHER, "but never again! On the way to Saratoga for the races, my car was completely overturned due to a blow-out. I was compelled to spend several months in the hospital, during which I had plenty of time to think of how important a part tires play in the safety of motoring. I'm not taking any more chances. I've equipped my car with Goodrich Silvertowns."

At today's high speeds, the *inside* of the tire gets as hot as boiling water. Sooner or later, this internal heat must escape. And it does. A tiny blister forms on the inside of the tire—between the rubber and fabric!—This blister grows bigger—BIGGER, until, sooner or later, BANG! A blow-out!

To protect motorists, GOODRICH engineers invented the amazing Life-Saver Golden Ply—which resists internal tire heat and protects against these treacherous, *high-speed blow-outs.*

And examine the husky-cleated tread on these big Silvertowns. Then you'll see why they keep your car "straight-in-line" on wet slippery roads and give you months of extra "trouble-free" mileage! Equip your car with GOODRICH Silvertowns. *They cost not a penny more than other standard tires*... and they may be the means of saving your life!

The NEW **Goodrich Safety Silvertown**
WITH LIFE SAVER GOLDEN PLY

TRAVEL BY COVERED WAGON

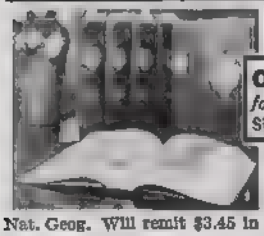
To Florida and the West Coast

New 1936 Models $395 complete Other models up to $785

The new 1936 Covered Wagon Trailer Coaches await your approval. They are streamlined to match today's modern automobile and designed with every conceivable living comfort and home-like convenience to guarantee years of owner enjoyment and travel luxury. New 1936 literature descriptive of the Master and De Luxe Covered Wagon Coaches mailed without obligation. Write today—for tomorrow's greatest trailer values.

COVERED WAGON COMPANY
11928 E. Jefferson Avenue Detroit, Michigan
World's Largest Builders of House Type Trailers

Your NATIONAL GEOGRAPHICS Deserve These Beautiful Bindings

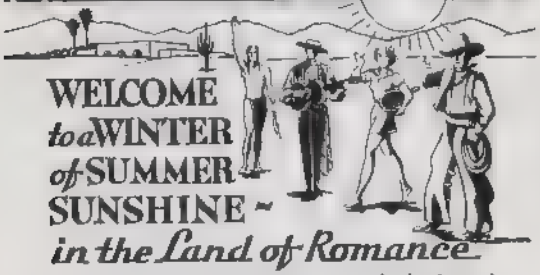


AT LAST—a beautiful binding that opens flat as a bound book! Save shopping by binding your Geographics at home in a few minutes. Covers ready 1910-35 Each holds six issues. 10 days' free trial Mail coupon TODAY.

ONLY $3.45 for two volumes Single vol., $2.00

BUCKERT LOOSE LEAF COVER CO., 234 W. Larned, Detroit, Mich. Mail post-paid 2 De Luxe Bindings for year . . . . .
Nat. Geog. Will remit $3.45 in 10 days or return binding collect.
Name . . . . . Address . . . . . .
Postage prepaid in U. S., Can., Mexico. Foreign countries extra. Foreign orders must contain remittance to comply with customs.

VALLEY OF THE SUN



WELCOME *to a* WINTER *of* SUMMER SUNSHINE ~ *in the Land of Romance*

You'll enjoy every sun-soaked minute in this glorious, warm, dry climate, thrilling to scenic wonders, doing new things, or relaxing under turquoise skies. Phoenix and nearby Mesa, Glendale, Chandler, Wickenburg, Tempe and Buckeye, offer smart shops, fine schools, modern hotels, desert inns, dude ranches, apartments, bungalows; colorful desert, paved roads, orange and date groves, Indian dances, prehistoric ruins, polo, golf, rodeos. Let us help plan your trip—meet your train. Come to the VALLEY OF THE SUN.

Winter rates now effective on Rock Island—Southern Pacific and Santa Fe Lines

Phoenix
CHAMBER of COMMERCE
100-B Calle del Sol

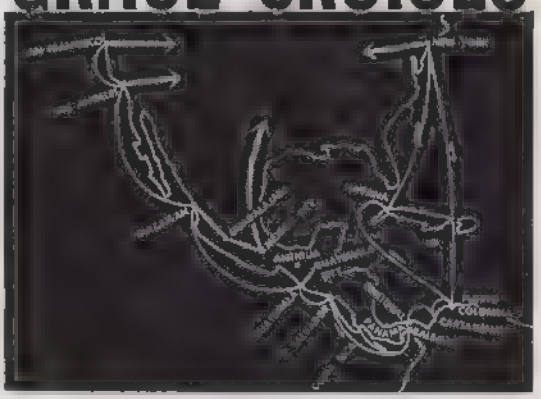
Please send me attractive free literature and booklets

Name _____

Address _____

ARIZONA

GRACE CRUISES



Between NEW YORK and CALIFORNIA

Only the exclusive GRACE Cruise Route between New York and California includes visits to Puerto Colombia and Cartagena in South America; Cristobal, Colon, Balboa, and the ruins of historic Old Panama; a 20-mile drive inland to San Salvador; an 80-mile trip in a special train to Guatemala City and Antigua; Mazatlan, Mexico, and eastbound, Havana (Costa Rica, westbound). RAIL-WATER CIRCLE TOURS, from any point to either coast by rail, GRACE Line thru the canal to opposite coast, home again by rail.

To MEXICO CITY

One way water—one way rail; from any point by rail to New York; GRACE Line thru Panama Canal (itinerary identical to New York-California) as far as Mazatlan, Mexico; air-conditioned Pullmans to Guadalajara, Mexico City and home. Or by rail to Mexico City, Guadalajara and Mazatlan, thence a new GRACE "Santa" to New York following the same itinerary as the California-New York Cruise, with an additional visit to Havana. Home by rail.

NEW "SANTA" LINERS

sail every two weeks from New York, San Francisco and Los Angeles—the only ships having all outside rooms with private fresh water baths; dining rooms on promenade decks, with roll-back domes which open to the sky; Dorothy Gray Beauty Salons; pre-release talkies; outdoor, built-in tiled swimming pools.

GRACE LINE

Ask your travel agent for the new booklet describing these new ships and the exclusive GRACE route or GRACE Line, New York; Boston; Washington, D. C.; Pittsburgh; Chicago; San Francisco; Los Angeles; Seattle.

GRACE LINE

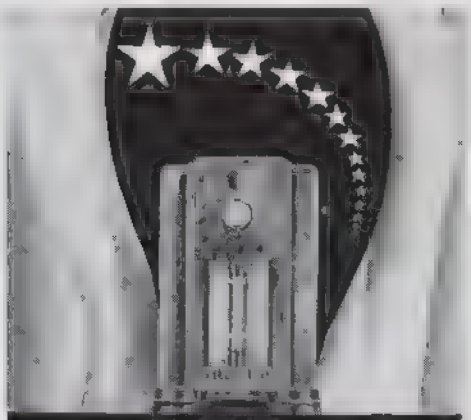
BUDGET TOUR

4 WEEKS IN INDIA

$369 PER PERSON

See all India . . . inexpensively . . . in one month. Only $369 per person (party of three) . . . includes rail fares, personal servant, hotels, sightseeing, and all extras. Visit 20 world-famous cities, including Bombay, Agra, Delhi, Lucknow, Calcutta . . . also Ceylon. Information: India State Railways, 38 E. 57th St., N. Y., or better travel agents.

India



SOMEWHERE OUT IN "WONDERLAND"

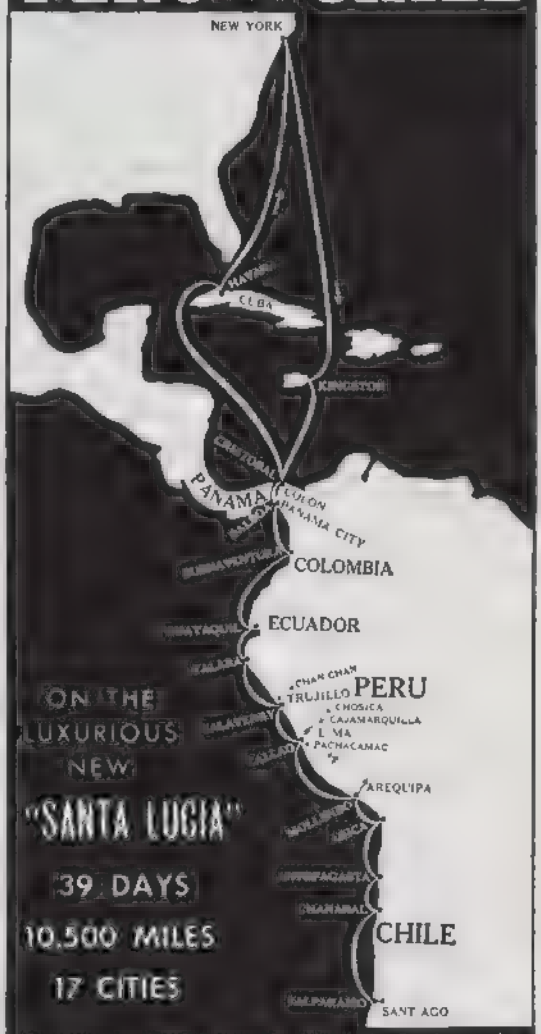
YOU'RE *there* WITH A CROSLEY

PIONEERS IN RADIO

GRACE

ALL EXPENSE CRUISES TO

PERU AND CHILE



ON THE LUXURIOUS NEW

"SANTA LUCIA"

39 DAYS

10,500 MILES

17 CITIES

Daylight thru Panama Canal; visits to the Pre-Inca ruins of Chan Chan, Lima, City of the Kings, capital of proud Peru, Valparaiso and Santiago, Chile. From New York in the luxurious new Santa Lucia. Nov. 9 or Dec. 21—all outside rooms with private baths; outdoor built-in tiled swimming pool; dining room on promenade deck with roll back dome which opens to the sky; the club; Dorothy Gray Beauty Salon; Smart Shop. All-expense fares, including all necessary expenses both afloat and ashore, from $600★. Ask your travel agent or Grace Line, 10 Hanover Sq., New York; Boston, Washington, D. C., Pittsburgh, Chicago, Los Angeles, San Francisco, Seattle.

This cruise may also be made in the Santa Clara, sailing from New York Nov. 23 or Jan. 4. All expense fares as low as $525.

MAPS OF DISCOVERY

Superbly colored reproductions of N. C. Wyeth's map-murals which adorn the walls of The Society's Hubbard Memorial Hall. These maps, one of the Western Hemisphere and one of the Eastern Hemisphere, are, in effect, time-colored Fifteenth Century charts, tracing the courses of Columbus, Magellan, De Soto and other great discoverers.

Size 18 x 15¾ inches. Print of either hemisphere, 50 cents. Print, attractively framed, $4 (shipment abroad not advised). *Postpaid in U. S. Elsewhere 25 cents extra*

EXCELLENT FOR GIFT PURPOSES

National Geographic Society
Department W
WASHINGTON, D. C.

HOTEL OWNERS

YOU can advertise to travel-minded GEOGRAPHIC families for as little as *three cents a thousand!*

The new Hotel Directory which will appear monthly in the NATIONAL GEOGRAPHIC MAGAZINE beginning with the October 1935 issue, makes this low rate possible.

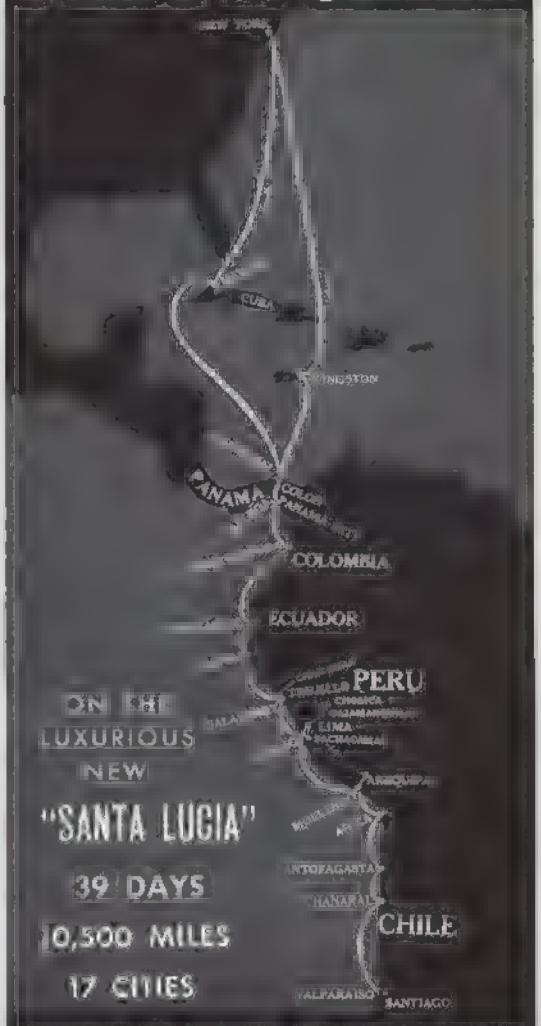
Details on request to the Advertising Department

NATIONAL GEOGRAPHIC MAGAZINE
WASHINGTON, D. C.

GRACE

ALL-EXPENSE CRUISES TO

PERU AND CHILE



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39 DAYS

10,500 MILES

17 CITIES

Daylight thru Panama Canal; visits to the Pre-Inca ruins of Chan Chan; Lima, "City of the Kings," capital of proud Peru; Valparaiso and Santiago, Chile. From New York in the luxurious new "Santa Lucia" Aug. 17 or Sept. 28—all outside rooms with private baths; outdoor, built-in tiled swimming pool; dining room on promenade deck with roll back dome which opens to the sky; the club; Dorothy Gray Beauty Salon; Smart Shops. All-expense fares, including all necessary expenses both ashore and on shore, from $600★. Ask your travel agent or Grace Line, 10 Hanover Sq., New York; Boston; Washington, D. C.; Pittsburgh; Chicago; Los Angeles; San Francisco; Seattle.

★ This cruise may also be made in the "Santa Clara" sailing from New York Aug. 31 or Oct. 12. All-expense fares as low as $525.

TRAVEL BY COVERED WAGON

To Florida and the West Coast

New 1936 Models $395 complete. Other models up to $785

● The new 1936 Covered Wagon Trailer Coaches await your approval. They are streamlined to match today's modern automobile and designed with every conceivable living comfort and home-like convenience to guarantee years of owner enjoyment and travel luxury. New 1936 literature descriptive of the Master and De Luxe Covered Wagon Coaches mailed without obligation. Write today—for tomorrow's greatest trailer values.

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11928 E Jefferson Avenue Detroit, Michigan
World's Largest Builders of House Type Trailers

Your NATIONAL GEOGRAPHICS Deserve These Beautiful Bindings

AT LAST—a beautiful binding that opens flat as a bound book! Save shipping by binding your Geographics at home in a few minutes. Covers ready 1920-35. Each holds six issues. 10 days' free trial. Mail coupon TODAY. SUCKERT LOOSE LEAF COVER CO., 234 W. Larned, Detroit, Mich. Mail post-paid 2 De Luxe Bindings for your .... Nat. Geog. Will remit $3.45 in 10 days or return binding collect.

ONLY $3.45 for two volumes
Single vol., $2.00

Name .... Address ....
Postage prepaid in U. S., Can., Mexico. Foreign countries extra. Foreign orders must contain remittance to comply with customs.

VALLEY OF THE SUN

WELCOME to a WINTER of SUMMER SUNSHINE ~ in the Land of Romance

You'll enjoy every sun-soaked minute in this glorious, warm, dry climate, thrilling to scenic wonders, doing new things, or relaxing under turquoise skies. Phoenix and nearby Mesa, Glendale, Chandler, Wickenburg, Tempe and Buckeye, offer smart shops, fine schools, modern hotels, desert inns, dude ranches, apartments, bungalows; colorful desert, paved roads, orange and date groves, Indian dances, prehistoric ruins, polo, golf, rodeos. Let us help plan your trip—meet your train. Come to the VALLEY OF THE SUN.

Winter rates now effective on Rock Island Southern Pacific and Santa Fe Lines.

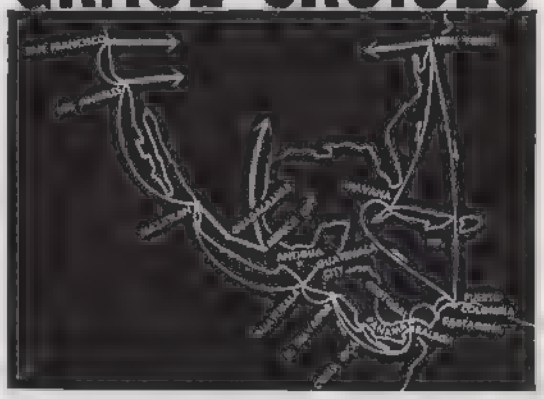
Phoenix
CHAMBER of COMMERCE
100-B Calle del Sol

Please send me attractive free literature and booklets

Name ....
Address ....

ARIZONA

GRACE CRUISES



Between NEW YORK and CALIFORNIA

Only the exclusive GRACE Cruise Route between New York and California includes visits to Puerto Colombia and Cartagena in South America; Cristobal, Colon, Balboa, and the ruins of historic Old Panama, a 20-mile drive inland to San Salvador; an 80-mile trip in a special train to Guatemala City and Antigua; Mazatlan, Mexico, and eastbound, Havana (Costa Rica, westbound,. RAIL WATER CIRCLE TOURS, from any point to either coast by rail, GRACE Line thru the canal to opposite coast, home again by rail.

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One way water—one way rail; from any point by rail to New York; GRACE Line thru Panama Canal (itinerary identical to New York-California) as far as Mazatlan, Mexico; air-conditioned Pullmans to Guadalajara, Mexico City and home. Or by rail to Mexico City, Guadalajara and Mazatlan, thence a new GRACE "Santa" to New York following the same itinerary as the California-New York Cruise, with an additional visit to Havana. Home by rail.

NEW "SANTA" LINERS

sail every two weeks from New York, San Francisco and Los Angeles—the only ships having all outside rooms with private fresh water baths; dining rooms on promenade decks, with roll-back domes which open to the sky; Dorothy Gray Beauty Salons; pre-release talkies; outdoor, built-in tiled swimming pools.

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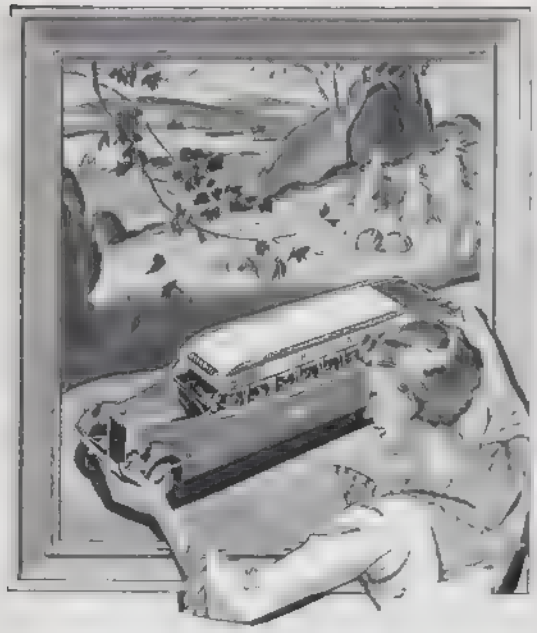
Ask your travel agent for the new booklet describing these new ships and the exclusive GRACE route or GRACE Line, New York; Boston; Washington, D. C.; Pittsburgh, Chicago; San Francisco; Los Angeles; Seattle.



GREYHOUND
fits into the picture

FOR FALL AND WINTER TRIPS

BRIGHT leaves and fragrant wood smoke, with just a hint of frost in the air...the countryside dressed in flaming color to make travel delightful! You belong in this picture, intimately close to all outdoors—aboard a modern Greyhound bus. Greyhound not only crowds more beauty and interest into each mile, but drastically cuts the cost of travel anywhere in America ...and it's pleasant to relax in a deeply cushioned chair, warm and secure, whatever the weather.

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in Wallboard Form

Sheetrock

SAVE fuel, enjoy greater comfort by remodeling with Sheetrock Insulating Wallboard. It insulates against heat and cold, yet it is fireproof—will not burn. It puts an incombustible finish over the wood frame members of your home.

Sheetrock Insulating Wallboard is different. Its bright metal surface on the reverse side gives it insulating efficiency equal to standard half-inch insulating boards. Its ivory-colored face takes any decoration. Made in standard wallboard sizes; strong, non-warping, permanent. Write for test house to prove insulating efficiency.

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SEND 10 CENTS FOR MINIATURE TEST HOUSE

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Send test house showing how Sheetrock Insulating Wallboard actually insulates. I enclose 10c to cover mailing.

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Westward, Sept. 16, carrying 2,078, a 3-year record

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Eastward June 30, with 1,985, also a 3-year record

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Offering Atlantic crossings between her epic cruises

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TAR WON'T FLOW THROUGH A *Pinhole!*

"SURE YOU NEED A TARFREE OIL . . . *LOOK HERE!*"

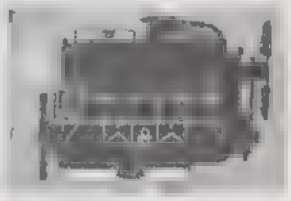
A crankcase full of oil - but a burnt out bearing! Can that happen? Easily, if there's tar in the oil. Tar won't flow through a pinhole—and some of those oil ducts that feed your motor aren't a bit wider than that. If one gets clogged, look out!

Stay on the safe side with the oil that's Tarfree—the New Havoline. It's refined by the Furfural Solvent Process, which flushes out every trace of tarry, sludge-forming impurity. It's Waxfree too. A 100% paraffin-base oil that makes your car start quicker, run smoother, and last longer.

Pay a few cents more a quart for this great oil and you'll be economizing! Ask for it at any Texaco Station, or of any good dealer or garage man. It's sold only in refinery-sealed cans.

INDIAN REFINING CO., INDIANAPOLIS
Affiliated with The Texas Company

YES, LOOK HERE! Through this tiny pinhole opening must flow oil that lubricates the cylinder walls Don't forget—tar won't flow through a pinhole Use only a Tarfree oil

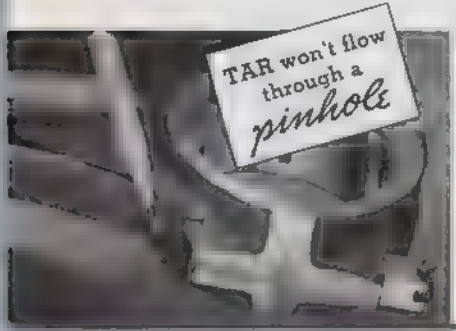


AND SEE THIS. Through the crankcase, bearings, and connecting rods, oil is circulated by a maze of tiny ducts and channels, shown in the diagram Be sure your oil is tarfree!

HAVOLINE
IS *TARFREE*

WHEN TAR CLOGS OIL DUCTS ... so's your motor

"TAR TROUBLE" lurks in the crankcase, waiting for a chance to clog oil ducts that carry lubrication to bearings and cylinders. Keep tar out of your motor—insist on the New Havoline. It's Tarfree.



It's not what's in the crankcase—it's what gets through to the bearings, that counts in modern high-speed motor lubrication. If oil ducts clog—and some of those ducts are no wider than a pinhole—a burnt-out bearing may easily be the price you pay.

That's unnecessary. Use an oil that you know is free of tarry, gummy, sludge-forming impurities. The New Havoline, refined by the Furfural Solvent Process—washed clean—made both Tarfree and Waxfree. A 100% paraffin-base oil with qualities which guarantee smoother engine performance at all temperatures, with longer life and lowered upkeep cost.

Just to keep it as good as we make it, Havoline comes only in refinery-sealed cans, proof against dirt and tampering. Costs a little more. Sold by all Texaco Stations, and by the best dealers and garages.

INDIAN REFINING COMPANY, INDIANAPOLIS
Affiliated with The Texas Company

USE HAVOLINE – IT'S TARFREE

TAR WON'T FLOW *through a pinhole*

"GREAT GRIEF! Motor sounds like an ash-can full of rocks. Can't be lack of oil, though. Had the crankcase filled just yesterday."

"PLENTY OIL, Mister, but bad lubrication. Oil ducts all gummed up with mucky tar. What you need is this new Tarfree oil!"

EVEN WITH A CRANKCASE FULL OF OIL . . . you're not always safe!

You know what stubborn stuff tar is. Then imagine what oil-tar can do to tiny oil ducts—channels no wider than a pinhole, which must be kept open to let the oil reach every bearing!

The sure way to prevent tar-clogged oil ducts and faulty lubrication is to keep tar out of your crankcase. And the way to do that is to insist on the New Havoline.

This is the oil that's Tarfree. It is refined by a new, patented Furfural Solvent Process which flushes out all the sludge-forming impurities that ordinary refining methods leave in. Havoline is Waxfree too—a 100% paraffin-base oil that's all oil!

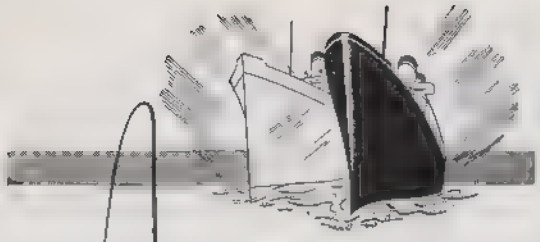
Of course it's better for your motor. You'll have smoother engine performance, easier starting, swifter acceleration! You'll have less burning-up and thinning-out in long, hot driving—which is another way of saying that your oil consumption will be less, and your repair bills too!

Make a point of asking for the New Havoline. Mention the name and look for the refinery-sealed can that guarantees that you are getting the real thing—proof against substitution and contamination.

It costs just a little more—but it's worth it every time. Ask for the New Havoline—at all Texaco Stations and of good dealers and garages everywhere.

HAVOLINE IS *TARFREE*

INDIAN REFINING CO., INDIANAPOLIS • *Affiliated with The Texas Company*



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FASTEST Only 19 days from New York to Capetown! Sail the smooth Southern Route to Gibraltar on the swift Conte di Savoia . . . thence on the splendid white express liners Duilio or Giulio Cesare.

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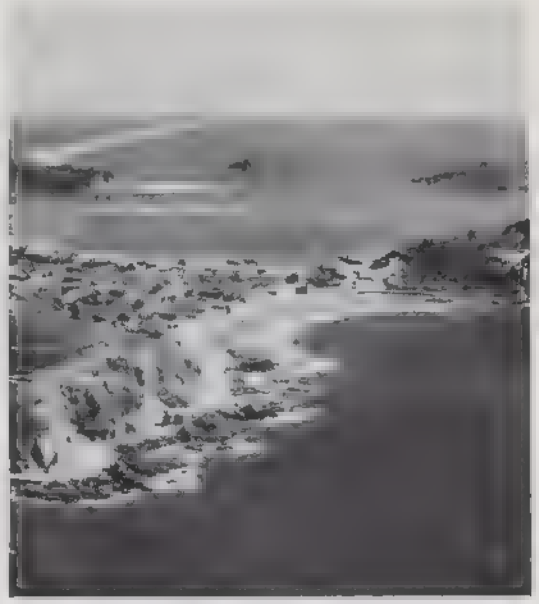
For further information and reservations apply your **TRAVEL AGENT** *or Italian Line, 624 Fifth Avenue, New York City. Offices in principal cities.*

ITALIAN LINE

MAZATLAN

ON THE WEST COAST OF MEXICO



Memories of Mazatlan: The day you went deep-sea fishing and surprised a great sea turtle sunning himself on the transparent water; the day you jogged through twisting streets in an *araña*; good-natured *mariachis* tooting in the market place and strumming under balconies.

Mazatlan is one of the most delightful towns in Mexico. Situated on our West Coast Route, halfway between the United States and Mexico City, it is a popular stopover point, and one of the many reasons for including the West Coast Route in your roundtrip to Mexico City. Very low fares permit this, and through *air-conditioned* Pullmans operate between Los Angeles and Mexico City via Tucson, Nogales, Guaymas, Mazatlan and Guadalajara. Tucson is reached from the East by our Golden State and Sunset Limiteds from Chicago and New Orleans.

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We are now building a modern resort hotel on the beach at Guaymas on the West Coast of Mexico, to be completed early this winter. It will be a comfortable base for fishing trips into the Gulf of Lower California, an angler's paradise, or for hunting trips. Or a place to just relax and rest under a friendly foreign sun.

For booklets and information about the West Coast of Mexico, write O. P. Bartlett, Dept. C-10, 310 So. Michigan Blvd., Chicago. For de luxe booklet with large map in full colors, enclose 25 cents in stamps or coin.

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OUTDOOR "LIDO" LIFE .. INDOOR SPLENDOR

ONLY ON THE SOUTHERN ROUTE CAN YOU ENJOY BOTH

ALL YEAR ROUND ... THE THERMOMETER TELLS WHY

*Actual readings at noon on Dec. 11, 1934, show . . . 68° on the Conte di Savoia (1 day from New York) . . . 15° in New York at same time. Ask for booklet of other amazing statistics

IT goes on *right through the winter!* Lido life *combined* with ship-splendor. Warm, sun-flooded decks—together with the sumptuous interiors of great ships that rank with the most modern and magnificent afloat! • Only on the Southern Route is the combination possible—the thermometer proves it. Last winter when New York lay in the clutch of zero temperatures, Italian Line ships were sailing in warm mid-ocean sunshine—with the thermometer at 70° and passengers actually swimming in the great outdoor pools! • You enjoy sun-travel at its best aboard the brilliant superliners—Rex and Conte di Savoia. Likewise, more leisurely, aboard the original Lido-ship Roma, or the Vulcania or Saturnia, each with a whole deck of private verandah-suites. On your winter trip abroad—choose the route the sun shines on!

Write for literature to **LOCAL TRAVEL AGENT** *or our nearest office.—New York 624 Fifth Ave.; Philadelphia, 1601 Walnut St.; Boston, 80 Arlington St., Cleveland, 944 Arcade, Union Trust Bld g., Chicago: 333 North Michigan Ave., San Francisco, 386 Post St., New Orleans, 1504 American Bank Bld'g., Montreal: Architect Bld'g., 1133 Beaver Hall Hl., Toronto: 159 Bay St.*

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Not only the beautiful night-blooming cactus **BUT** *man himself is at his best . . .*

IN WARM • DRY • SUNNY

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FOR, here there is a combination of exceedingly low humidity . . . maximum sunshine . . . and rarefied air that brings new zest for life.

That's why we have the great U. S Veterans' Hospital here, as well as the Southern Methodist, Episcopal, Catholic. Elks', and Southern Pacific hospitals. Good health is in the very air of Tucson, and every doctor knows it.

And there's an unusual amount of medical skill concentrated at this particular point. Moreover, this immediate region abounds in Sanatoriums, Apartments, Hotels, Inns, Guest Ranches, Desert Schools, and every other manner of accommodation. Whatever your purse dictates, Tucson can furnish.

Mail coupon for Tucson booklet and travel information. Winter fares now available on Rock Island and Southern Pacific lines.

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JAPAN

IS STILL WITHIN YOUR MEANS!

MANY important travel ventures must be set aside for a future day—requiring too large an outlay of cash. Not so Japan!

Ambitious as the trip may *appear*, it actually costs little. Open your mind to the fact that steamship fares across the Pacific are the lowest in the world, considering service and distance traveled—to the fact that the yen exchange is decidedly *in your favor*, at a time when many other currencies are against you—and to the fact that the Japan Tourist Bureau has prepared a series of all-inclusive itineraries showing you at extremely low cost Japan's great cities, beauty regions, resorts—and world-famed spas, Hakone, Atami, Ikao, Unzen, and Beppu.

Six weeks is enough for the trip, allowing 14 days in Japan. Write to our nearest office or, preferably, ask your tourist agent for our fascinating booklet detailing these itineraries and rates.

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Address the Japan Tourist Bureau, 551 Fifth Ave., N. Y. C., or Chamber of Commerce Bldg., 1151 South Broadway, Los Angeles, Cal., or c/o Nippon Yusen Kaisha, 25 Broadway, N. Y. C. Please address Dept. G in each case to facilitate prompt reply.

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Makes brilliant, life-like motion pictures easily and economically. Loads almost instantly with the new Bell & Howell 8 mm. film costing only $1.45 a roll, including processing. Just look through the spyglass viewfinder and press the button . . . *what you see, you get!*

Never before has Bell & Howell offered so desirable a camera at so low a price . . . only $69. What gift could bring so much genuine pleasure?

Nearly identical in size and appearance is the Filmo Double 8, a 50-foot capacity 8 mm. camera, priced at $75.

For those who prefer 16 mm. ...the new Filmo 121 Camera, magazine-loading, small, light, excellent for Kodachrome full color movies and for black and white.

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World's largest manufacturer of precision equipment for professional motion picture studios

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Please send booklet on ☐ Filmo Straight 8, ☐ Filmo Double 8, ☐ Filmo 121, and name of nearest dealer.

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FOR YOUR TRIP

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★Steamship Fares Lowest In World
★Yen Exchange In Your Favor
★All-Inclusive Tours Available
★Trip Requires Only Six Weeks

WAITING to see Japan! But what are you waiting for? This is the year to make the trip at minimum expense. Although the Island Empire lies on the other side of the world, the cost of getting there is amazingly low. And the cost of staying there and seeing everything you want to see is lower still—thanks to favorable exchange and the all-inclusive tours prepared by Japan Tourist Bureau, a non-commercial organization. In six weeks you can make the round trip from the Pacific coast, with two weeks to see the greatest cities, shrines, and natural wonders of Japan—all at an unbelievably low dollars-per-day figure!

Probably you've never actually "counted the cost." Do so—consult your travel agent and find out how little it can be! Or write to the nearest office below for fascinating literature and detailed itineraries.

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If you want to beat the heat these sultry days, serve Kellogg's for breakfast with cool milk or cream. Convenient for lunch too. And an ideal hot-weather supper for children.

Ask your grocer for Kellogg's Corn Flakes in the red-and-green package. An exclusive manufacturing process *plus* the heat-sealed WAXTITE inner bag insure their freshness. Quality guaranteed. Made by Kellogg in Battle Creek.

OVEN-FRESH FLAVOR-PERFECT

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THE SATURDAY EVE

Silent Night

THE HURRICANE

By CHARLES NORDHOFF and JAMES NORMAN HALL

THE SATURDAY EVE'

THE HURRICANE

By CHARLES NORDHOFF and JAMES NORMAN HALL

Now they WHISTLE!

FIRST TIME! A LOCOMOTIVE WHISTLE ON A MODEL TRAIN!

ANY RAILROAD SIGNAL ANY TIME – AND SO REALISTIC IT'LL STIR YOU TO THE HEELS

On comes your Lionel streamliner, streaking down the track, clipping away split-seconds. Out pops the gateman from his shanty to wave it by—bells ring—gates lower—lights flash. Thrills! Excitement! Action every second! *But wait—*

Down goes your finger on the tiny button of a control box. Instantly, the locomotive lets out a long, loud, blasting, railroad whistle!

Or short, sharp piercing ones, just as your finger commands. The top of that tiny button opens to you the whole range of the official railway signal code. There isn't a whistle signal on a railroad you can't sound when and as you want it, while your Lionel is swinging around a curve, flashing to a crossing, switching, backing, tooting along or standing still.

Greatest achievement in all Lionel's history of model railroading—and right on time for Christmas. No other train has anything like it or can have it. It has been invented and perfected by Lionel to only one and Lionel can you get this whistling thrill.

BUT THAT'S ONLY HALF THE STORY

A hundred questions bob up in your mind. Where is the whistle located? Does it sound like a regular train whistle? How can it signal anywhere along the track, moving or standing still? Where can you see and hear it? So we've printed a big 44-page book in full colors—and it's got all the answers.

AND, IN ADDITION, ALL THIS—

On page after page are facts of the most absorbing interest. Electric Power! Powerful motive power types. Not just one or two, but scale models of all the great new special units of America, built right from the original railroad blueprints. Don't miss Page 31 which tells how that gateman scoots from his shanty at the train approaches, flashes his lantern and magically disappears.

ALL THE DETAILS OF REMOTE CONTROL

And don't miss the thrilling, one story of complete remote control—how you can make your train go forward or backwards, fast or slow, without even touching it. And read how 1 or more engines and a couple of coaches you can build a railroad system with bridges, tunnels, signals, everything! And how you can own a genuine Lionel built to the high standards of Lionel quality with eight accessories, speed control, transformer, tracks, 24 pages in all, for as little as $6.75.

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Please rush me a copy of the new 1935 Lionel Catalog. I enclose 10¢ to cover the cost of postage and handling.

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JULY, 1935

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Matson Line

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Photographed in Hawaii.

Everyone who has been to Hawaii has succumbed to her spell

At the first opportunity, talk with your Travel Agent, or our offices. *(Ask for literature about all-inclusive cost tours to Hawaii, and Personally Escorted South Pacific Cruises to New Zealand and Australia via Hawaii, Samoa and Fiji.)* ☆ ☆ Matson Line-Oceanic Line: New York, Chicago, San Francisco, Los Angeles, Seattle, Portland.

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West O' The Moon

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WITH A CROSLEY

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FIVE to send the coupon; ten to read the simple, clear, untechnical story of life insurance and what it can do for you in our booklet which answers important questions.

You'll find it well worth fifteen minutes of your time. May we send *your* copy?

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N. G. 35

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THIS winter a great many new visitors will come to Miami Beach for the first time. "The Beach" has always been first choice for vacationists—just as it is the established winter home of the Nation's business and social leaders.

Now, record breaking new construction (more than $8,000,000 so far this year) has greatly increased facilities. There's a new Miami Beach, and new opportunities to enjoy the carefree outdoor living of the tropics—sun, surf and golden sands — made doubly enjoyable by contrast with gloomy weather in the North.

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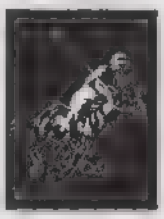
It's a health-building and economical adventure for the family —and a glorious respite from mid-winter cares and worries in the North.



★ *For Detailed Information* and rates, write to the City of MIAMI BEACH, Fla., or to C. W. Chase, Sr., Miami Beach Chamber of Commerce.

Miami BEACH
FLORIDA

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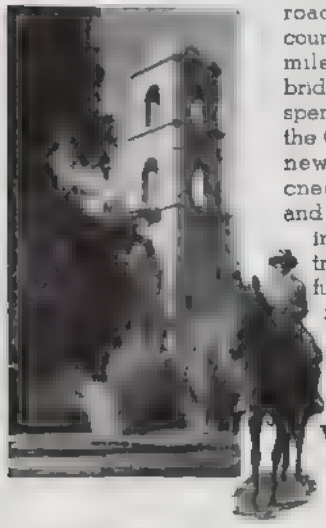
LOVELY OJAI

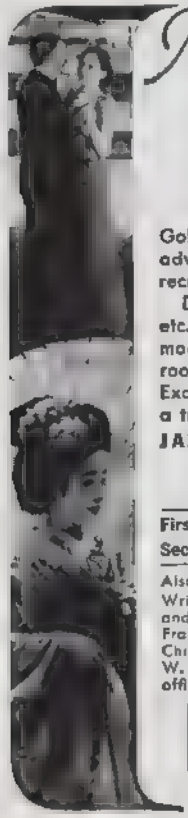
(Pronounced O-High)

California's Beautiful Mountain Valley

UNDISCOVERED and unspoiled. Climate and scenery unexcelled.
Peaceful, secluded and restful—yet very accessible, only 80 miles from Los Angeles, Hollywood and Pasadena on fine roads. Scenic golf course, hundreds of miles of trails and bridle paths. Plan to spend the winter in the Ojai Valley at the new Country Club, one of the most unique and beautiful resorts in California. Illustrated booklet and full information on request.



THE OJAI VALLEY CO.
Drawer B
OJAI, CALIF.



Insist on these

PRICELESS TRAVEL INGREDIENTS

Gold-washed days of fun, pleasure and adventure. Star-spangled nights of rest and recreation—on the Pacific—Japan bound.

Deck sports, tennis, golf, quoits, traps, etc.—or leisurely loafing in the sun—on modern motor ships. Magnificent staterooms, public salons, impeccable service. Excellent cuisine...a priceless prelude to a trip to Japan.

JAPAN, CHINA, the PHILIPPINES
Stop-over at Honolulu

LOW ROUND-TRIP FARES
from San Francisco and Los Angeles

First Class .. $542 up **Cabin Class .. $437 up**
Second Class $332 up **Tourist Cabin $236 up**

Also from Seattle—Vancouver direct to Japan. Write to Department 93 for information, rates and reservations. New York, 25 Broadway; San Francisco, 551 Market St.; Seattle, 1404 Fourth Ave.; Chicago, 40 N. Dearborn St.; Los Angeles, 518 W. Sixth St., or any Cunard White Star Limited office. Consult your local tourist agent. He knows.

N·Y·K·LINE

(JAPAN MAIL)

Give **AMERICA'S MOST POPULAR FINE CAMERA**

BECAUSE it gives extra picture-making range . . . is handsomely styled . . . represents the high point of American camera craftsmanship — Kodak Six-16 (*f*.4.5) is the choice of those who know fine cameras.

Snapshots that ordinary cameras can never make are a matter of course to Kodak Six-16 . . . At dawn or dusk . . . in the rain. Even at night, if you use Kodak "SS" Film and Photoflood bulbs.

As to features: A touch of a button and the Six-16 springs into action . . . it offers both eye-level and reflecting finders . . . Compur shutter . . . leather covering . . . etched metal sides . . . and it's the world's smallest roll-film camera for its picture size, 2½ x 4¼ inches. Price, $40 . . . see it at your dealer's. Eastman Kodak Co., Rochester, N. Y.

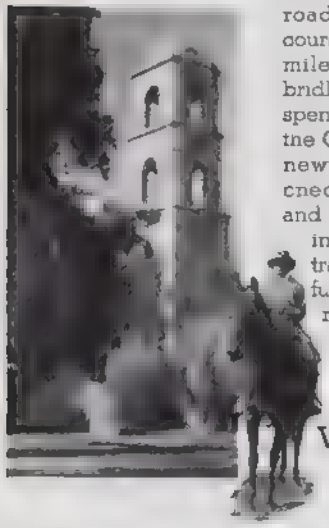
KODAK SIX-16 (*f*.4.5)

LOVELY OJAI

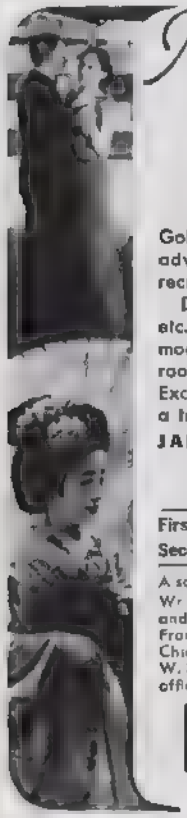
(Pronounced O-High)

California's Beautiful Mountain Valley

UNDISCOVERED and unspoiled. Climate and scenery unexcelled.
Peaceful, secluded and restful—yet very accessible, only 80 miles from Los Angeles, Hollywood and Pasadena on fine roads. Scenic golf course, hundreds of miles of trails and bridle paths. Plan to spend the winter in the Ojai Valley at the new Country Club, one of the most unique and beautiful resorts in California. Illustrated booklet and full information on request.



THE OJAI VALLEY CO.
Drawer B
OJAI, CALIF.



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Deck sports, tennis, golf, quoits, traps, etc.—or leisurely loafing in the sun—on modern motor ships. Magnificent staterooms, public salons, impeccable service. Excellent cuisine...a priceless prelude to a trip to Japan.

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KODAK SIX-16 (*f*.4.5)

"WE'RE DRIVING SOUTH FOR THE WINTER"

AT LAST the turning leaves begin to fall; the breeze from the lake grows chilly; and then one morning a white frost on the cottage roof confirms the rumor that summer has gone south.

Now to pack up and follow! To start a carefree pilgrimage into the southland, escaping winter's bleakness and making life a perpetual holiday under bright skies of summery blue!

That is the privilege today of thousands of men holding policies in America's first chartered mutual life insurance company. And you, too, can banish from the future the wintry bleakness of financial worry.

You can provide yourself and your wife with a regular cash income that will continue indefinitely, month after month, as long as you live. It may be $50, it may be $500. In this way you will be enabled to come and go as you please. You will transform your years of retirement into a long vacation. In short, you will give yourself and your wife utter freedom during the most enjoyable part of your lives—that part "for which the first was made."

To win such freedom, consult any agent of the New England Mutual Life Insurance Company. The world offers you no finer way of protecting your future than through insurance with this Company which has eliminated financial worry from countless lives; this Company which has emerged from every economic storm with increased strength and prestige; this Company whose very name today—in this year which marks the Hundredth Anniversary of its Charter—is accepted as a synonym for safety.

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Please send me your booklet which tells how to build an estate for—

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*Name*_____ *Address*_____

Even travelers who have seen everything thrill anew in NEW MEXICO

THIS Land of Enchantment has charm and attraction for the world traveler and the casual tourist alike. Broad highways sweep across magnificent distances, thread passes in great mountain ranges, climb to points ten thousand feet and more above the sea, and once off the beaten path you will find quaint villages which seem transported from old Spain, Indian pueblos where life is like another world, historic spots where the records of America were being written nearly a century before the Mayflower landed.

Get off the beaten path this year and explore New Mexico—a feat you can accomplish without sacrificing a single modern comfort. Autumn is a glorious season, long days brilliant with sunshine, nights crisply cool, and the landscape ablaze with the gold of cottonwoods and the paler metal of the aspens in the high country. Modern hotels and guest ranches will give you a real Old West welcome and you'll have a vacation you will *never* forget. Send for free booklet - and start planning *now*.

New Mexico State Tourist Bureau
State Capitol, Santa Fe, New Mexico

Please send me your free booklet, "Two Weeks in New Mexico," and your new 1935 Official Road Map.

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Address .....

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Get fireproof wood paneling beauty at wallboard prices

WOOD GRAINED

Sheetrock

THE FIREPROOF WALLBOARD

Now, the beauty of wood and the fireproofness of gypsum have been combined in a practical interior finish for walls and ceilings. Nailed in place by the carpenter.

Wood Grained Sheetrock is Sheetrock, the Fireproof Wallboard, with an accurate reproduction of wood paneling on one face. Full thickness. Does not warp or buckle. Yet costs little more than ordinary wallboard.

Made in Walnut and Knotty Pine finishes. Actual reproductions. Comes in wallboard sizes. Can be shellacked, then waxed or varnished if desired. Or may be left in the factory finish. Send today for free sample. But remember, *only* Wood Grained Sheetrock gives Wood Grained Sheetrock results. Made by United States Gypsum Company.

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UNITED STATES GYPSUM COMPANY
Dept. J—300 West Adams St., Chicago
Please send me a free sample of Wood Grained Sheetrock showing color and graining of wood.

Walnut..... Knotty Pine

Name .....

Address .....

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(Pronounced O-High)

CALIFORNIA'S BEAUTIFUL MOUNTAIN VALLEY

●

Ojai is different...If you love mountains, wild flowers and days filled with brilliant sunshine and warmth...If you like to walk, play golf, ride horseback or motor on perfect roads...If you want seclusion, rest and relaxation away from cities, yet close to centers of activity in Southern California, we cordially invite you to visit Ojai.

The Ojai Valley Country Club wishes to announce that it will, in February, 1935, complete an addition to its charming Club House, and a limited number of its rooms and suites will be available to winter visitors.

Ojai is still undiscovered and unspoiled and retains much of the atmosphere of historic California.

For full information write or wire

THE OJAI VALLEY COMPANY
OJAI, CALIFORNIA

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TWO *All-star Cruises* ★★★★
TO THE **MEDITERRANEAN**
EGYPT AND THE HOLY LAND
IN THE **AQUITANIA**

SAILING JAN. 31 & MAR. 9 About 5 weeks New York to New York

Discriminating travelers will select these cruises for their star features:

★ The 45,000 ton Aquitania — one of the great ships of the world — renowned for spaciousness and luxury and wonderful service. ★★ Officers, seamen, stewards and cruise staff whose mother tongue is English. ★★★ Sponsorship and management of two great companies rich in Mediterranean Cruise experience. ★★★★ Programs that cover the Mediterranean from end to end. 5 days in Egypt. ★★★★★ Prices that are extremely low. ★ Visiting Madeira, Gibraltar, Algiers, Barcelona, the French Riviera, Athens, Istanbul, the Holy Land, Egypt, Rhodes, Sicily, Naples.

First Class
$520 up

Shore Trips Optional

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$280 up

3 Cruises
Sailing February 1, 26 and March 19
$210 up
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WEST INDIES in the "BRITANNIC"

Eighteen days and 5600 miles of carefree cruising on one of the most popular of modern motor ships. Visiting Virgin Islands, Martinique, St Lucia, Grenada, Trinidad, La Guayra in Venezuela, Curacao, Haiti, Panama Canal, Jamaica, Nassau. No passports required.

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145 Tremont St., Boston, Mass. **RAYMOND-WHITCOMB**

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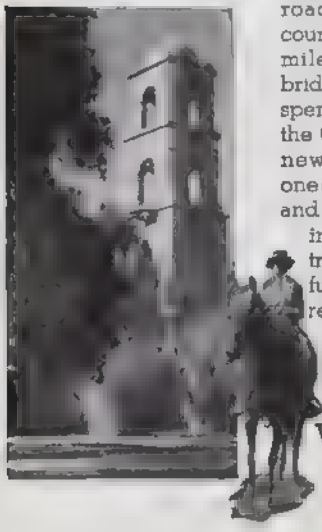

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and other high-grade coated paper

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Go South or West this Winter Travel by COVERED WAGON

● A modern rolling home—complete in every last detail for convenience—comfortable beyond belief—and built like a fine car with a fine car's ruggedness and dependability. That's your Covered Wagon . . . Today the world's biggest selling house-type trailer. Livable—roomy, dry, and warm—ideal for any weather. Completely equipped for cross-continent travel—hunting, fishing, or camping trips. Has single or double davenport type beds, kitchen with every conceivable gadget and necessary for home living, electric lights, clothes lockers, drawers, dresser, toilet, etc. Our catalog illustrates interior and exterior views. Post yourself on the economies of Covered Wagon ownership. Send for it today.

$375.00

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11919 E. Jefferson Ave., Detroit, Michigan

"MOTORING"

at the bottom of the world

As related by Stevenson Corey, Chief Supply Officer for the Byrd Antarctic Expedition.

"On March 28, 1934, the men had to abandon one of the tractors out on the trail. It was 62 degrees below zero, and after six hours of work they gave up trying to get the motor started . . . ignition trouble.

". . . on January 8, 1935, the men went back over the trail and dug the tractor out of the snow and ice. Although it had been out there for *nine months* in weather as cold as 77 degrees below zero, the Eveready Prestone in the cooling system had kept it protected against freeze-up. That was a real test of an anti-freeze . . .

"During both the expeditions to the Antarctic, Eveready Prestone functioned with 100% dependability. Motor freeze-up—even in that frigid country—was *one* thing we never had to worry about."

One shot of Eveready Prestone, the guaranteed anti-freeze, will protect your car's cooling system against freeze-up and rust *all winter long*. It has no odor. It will not boil off or evaporate. This year it is lower in price than ever before. Turn to the 2-page Eveready Prestone advertisement in the front of this magazine and see on the chart how little it will cost to have *all-winter* protection for *your* car.

SPECIAL OFFER . . . A "Weather Wheel" which will help you to forecast the weather. Also "Weather as a Hobby"—a 48-page illustrated book, prepared by weather experts. Full of fascinating weather facts. Send 10c (stamps or coin) to National Carbon Co., Inc., P. O. Box 600—2N, Grand Central Station, New York, N. Y.

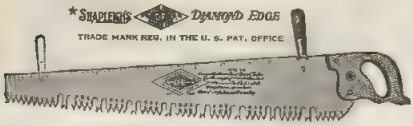
ONE-MAN CROSS-CUT SAWS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT OFFICE

With Supplementary Handle

Highest Grade Steel Blade, Oil Tempered; Ground, Sharpened and Set; Full Polished and Etched.



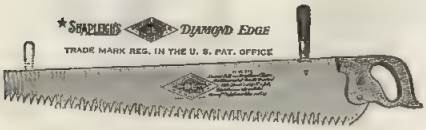
CANADIAN PATTERN
Lance Tooth, Perforated
Taper Ground

Beechwood Handle, Ducoed; Three Brass Screws; Beechwood Supplementary Top Handle.

No. DE310

Length, feet	3½	4	4½
Weight Each, lbs.	3¾	4¼	5
Each	$5 00	5.70	6.30

Each Saw Blade Individually Paper Wrapped, With Wood Strip on Tooth Edge the Full Length.



CHAMPION TOOTH
Taper Ground

Beechwood Handle, Ducoed; Three Brass Screws; Beechwood Supplementary Top Handle.

No DE302

Length, feet	2½	3	3½	4	4½
Weight Each, lbs.	3	3½	4	4¼	6¼
Each	$3.50	4 10	4.70	5.30	5.90

Each Saw Blade Individually Paper Wrapped, With Wood Strip on Tooth Edge the Full Length

ONE-MAN CROSS-CUT SAWS

*SHAPLEIGH'S Bridge

REG IN THE U. S. PAT OFFICE

With Supplementary Handle

Extra Quality Saw Steel Blade, Polished and Etched; Oil Tempered, Carefully Ground, Sharpened and Set.

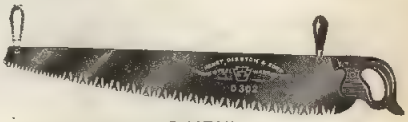
CHAMPION TOOTH
Flat Ground

Beechwood Handle, Ducoed; Three Brass Screws; Beechwood Supplementary Top Handle.

No. B302

Length, feet	2½	3	3½	4	4½	5
Weight Each lbs.	2¾	3¼	4	4¾	5¼	6
Each	$3.40	4.00	4.60	5.20	5.70	6.50

Each Saw Blade Individually Paper Wrapped, With Wood Strip on Tooth Edge the Full Length



DISSTON

High Grade Steel Blade; Perfectly Tempered, Set and Sharpened Polished and Etched; Thin Back; Beechwood Handle, Varnished Edges, Brass Screw; Beechwood Supplementary Top Handle.

CHAMPION TOOTH

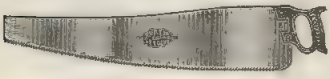
No. 554

Length, feet	3	3½	4	4½
Gauges	16x18	15x17	15x17	15x17
Weight Each, lbs.	3½	4¼	5½	7
Each	$4.50	5.30	5.90	6.60

Loose

ONE-MAN UTILITY HAND SAWS

CURTIS



Serves the Purpose of a One Man or Buck Saw.

Malleable Iron D Handle, Riveted to High Grade Steel Blade; Taper Ground, Hand Set and Bevel Filed.

Skew Black; Blade 30 inches Long, 4½ Points to the inch; Plain Tooth; Fully Breasted Blade; 2½ inches Wide at Point; 6½ inches Wide at Butt.

Each

No. 00—Weight Each, 3 lbs. $4 60

Paper Wrapped, with Wood Strip on Tooth Edge the Full Length

ICE SAWS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

HAND

For Use on Ice Wagons, in Cold Storage Houses and by Ice Dealers; 15 Gauge Steel Blade; Width at Heel, 6½ inches; Japanned Malleable Iron Handle; Fastened to Blade by Two Heavy Iron Rivets; Deep Plain Tooth.

Nos.	Length, ins.	Weight Each, lbs.	Per Dozen
DEH24	24	3½	$25.50
DEH26	26	3⅞	27.50
DEH28	28	3⅝	30.30
DEH30	30	3¾	31.50

Loose

CROSS-CUT SAW HANDLES

*SHAPLEIGH'S DIAMOND EDGE
TRADE MARK REG. IN THE U. S. PAT. OFFICE

High Tensile Strength Steel Loop

Solid Iron Combination Steel Plug and Nut; Polished Maple Handle; Malleable Iron Bell Ferrule and Cap, Painted Red; 12-inch Handle; 4½-inch Loop; 1⅛-inch Ferrule.

Per Pair

No. DE8—Weight per Pair, 2 lbs.....**$1.20**
Ten Pair in a Carton

*SHAPLEIGH'S DIAMOND EDGE
TRADE MARK REG. IN THE U. S. PAT. OFFICE

Reversible; Red Painted Malleable Iron Sheaths; Tinned Bolt and Thumb Nut; Handle, 15-inch Polished Ash.

Per Pair

No. DE11—Weight per Pair, 1¾ lbs.....**$1.05**
Ten Pair in a Carton

ATKINS

Length, Irrespective of Loops, 8 inches; A Cold Drawn Steel Loop Extends Through Handle and Screws Into Malleable Steel Ferrule on End; Capacity, 2¾ to 4½ inches; Comparative to Simond's No. 24, Eric No. 22, Ely No. 122 and Disston No. 122.

Per Pair

No. 28—Weight per Pair, 1½ lbs.....**$1.45**
Ten Pair in a Carton

ATKINS

Reversible Bracket For Felling Purposes

Length, 14 inches; Reversible Malleable Bracket; Spot Electric Welded Steel Loop; Japanned Extra Fine Hardwood Stock; Capacity, 3 to 4½ inches; Comparative to Ely No. 11, Disston No. 113 and Erie No. 9.

Per Pair

No. 9—Weight per Pair, 2½ lbs.....**$1.65**
Ten Pair in a Carton

ATKINS

High Tensile Strength Steel Loop

Length, Irrespective of Loop, 10 inches; Loops of Extra Strong High Tensile Strength Steel; Spot Electric Welded; Japanned Black; Malleable Nuts; Comparative to Ely No. 2M, Simond's No. 88, Eric No. 8 and Disston No. 110½.

Per Pair

No. 8—Weight per Pair, 1¾ lbs. **$1.10**
Ten Pair in a Carton

CROSS-CUT SAW HANDLES

ATKINS

High Tensile Strength Steel Loop

Length, Irrespective of Loop, 10 inches; Loop of High Tensile Strength Cold Drawn Steel; Spot Electric Welded; Japanned; Malleable Socket; Capacity, 3 to 4 inches; Comparative to Erie No. 13 and Ely No. 12.

Per Pair

No. 13X—Weight per Pair, 1¼lbs.....**$1.00**
Ten Pair in a Carton

Swivel; Patent Spot Electric Welded Steel Loop

Length, Irrespective of Loop, 10 inches; Spot Electric Welded Steel Loop; Selected Hardwood Stock; Malleable Casting and Swivel Washer Cast to Socket, Japanned; Capacity, 3 to 4¾ inches; Comparative to Disston No. 108, Ely No. 4 and Erie No. 4.

Per Pair

No. 6—Weight per Pair, 2 lbs.....**$0.60**
Ten Pair in a Carton

CLIMAX—WAKEFIELD

Heavy; Reversible

Plain Hardwood Stock, Length, 13⅝ inches; Japanned Malleable Iron Sheaths and Thumb Nut; Steel Bolt; Comparative to Atkins No. 22; Simond's No. 111B; Erie No. 24; Ely No. 22 and Disston No. 119.

Per Pair

No. 22—Weight per Pair, 2 lbs..... **$1.05**
Twelve Pair in a Carton

ATKINS; EXCELSIOR

High Tensile Strength Steel Loop

Length, Irrespective of Loop, 9½ inches; Selected Hardwood Stock; Cast Steel Socket and Washer; 4¼-inch Loops of High Tensile Strength Cold Drawn Steel; Spot Electric Welded; Comparative to Ely No. 15, Erie No. 10, Disston No. 123 and Simond's No. 100.

Per Pair

No. 10—Weight per Pair, 1¼ lbs.....**$0.80**
Ten Pair in a Carton

CROSS-CUT SAW HANDLES

CLIMAX PATTERN

Light; Reversible

Length, 13½ inches Malleable Iron Clasps and Bolt with Lock Rivet Feature, Preventing Rivet from Becoming Detached; Forged Steel Wing Nuts; Hardwood Stock; Comparative to Disston No. 103, Erie No. 11, Ely No. 5 and Atkins No. 11.

Per Pair

No. 11—Weight per Pair, 1⅓ lbs.....**$0.75**
Twelve Pair in a Carton

CROSS-CUT SAW HANDLE PARTS

For No 21 Climax Light

Per Pair

No. 11MC—Plain Malleable Iron Clasps, Weight per Pair, ⅛ lb.....**$0.20**

Per 100

No. ⅜-16—Forged Steel U. S. Standard Thread; Winged Thumb Nuts, Weight per 100, 3 lbs.... .....**$5 00**

No. 11B—⅜x3½-inch Malleable Bolt with Steel Rivet; Weight per 100, 11⅓ lbs. **10.00**

Per Set

No. EXP11—Set of Extra Parts, Complete; Weight per Set, ¼ lb.....**$0.35**
Loose

ONE-MAN CROSS-CUT SAW HANDLES

SUPPLEMENTARY

Made of Throughly Seasoned Air-Dried Hardwood Stock; Socket and Washer of High Grade Ferrule Steel; Steel Bolt with Locked Rivet Feature Preventing Rivet from Becoming Detached; Size, 5½x1½ inches; Comparative to Simond's No. 392; Disston No. 118 and Atkins No. 202.

Per Dozen

No. S—Weight per Dozen, 4¾ lbs.....**$5.30**
One Dozen in a Box

REGULAR

Regular (or Butt) Beechwood Handle with Full Lacquered Finish; Not Bored and Without Screws; 8½ inches Long; 5⅝ inches Wide; Size of Hand-hold, 3⅞x1¼ inches; Comparative to Simond's No. 390 and Disston No. 218.

Per Dozen

No. OMD—Weight per Dozen, 6½ lbs...**$5.50**
One Dozen in a Box

EXTRA PARTS

JUSTRITE

For Miners Lamps

REFLECTORS

Spun Brass; Diameter, 2⅛ inches; Equipped with Patented Lighter Attachment and Lock Nut.

Per Dozen

No. 26—Weight per Dozen, ⅞ lb.....**$6 00**
One Dozen in a Box

EXTRA BOTTOMS

Drawn Brass, Polished With Rubber Gasket

Small Size;

Height, 2 inches; Diameter, 2 inches.

Per Dozen

No. 66—Weight per Dozen, 2 lbs.....**$4.00**
Half Dozen in a Carton

Lava Tips | Metal Tips | Flints

JUSTRITE
LAVATIPS

Size, ⅛ x ⅛ inch

Per Dozen

No. 7—Weight per Dozen, 1 oz.....**$0 80**
One Dozen in a Box

JEWEL METAL TIPS

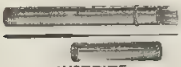
Per Dozen

No. BB Weight per Dozen, 2 oz.....**$0.60**
Loose

FLINTS

Per Gross

No. 172—Weight per Gross, 3 ozs.....**$3.00**
Twelfth Gross in a Capsule; Three Capsules in a Carton.



JUSTRITE
REAMERS

For Reaming Carbon Out of Burner Tips; Fine Grade Steel; Length, 2¼ inches.

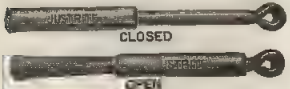
Per Dozen

No. 145—Weight per Gross, 3 ozs **$0 60**
One Dozen in a Metal Tube.

REAMER CASE ONLY

Per Dozen

No. 150—Weight per Dozen, 2 ozs. . **$0 70**
One Dozen in a Carton



JUSTRITE
TIP CLEANERS

For Cleaning Tips of Acetylene Lamps. Fifty Hard Rustproof Steel Wires, Sliding Cover Protects Wire When Not in Use; Length Over All, 2¼ inches.

Per Dozen

No. 37—Weight per Gross, 2 lbs.....**$2.00**
One Dozen in a Box

EXTRA PARTS

JUSTRITE
For Miners Lamps
RUBBER GASKETS

Flat, Black Rubber; Diameter Outside, 1⅞ inches; Diameter Inside, 1¾ inches.

Per Dozen

No. 60—Weight per Dozen, 3 ozs.....**$0.40**
One Dozen in a Carton

JUSTRITE
FELT PACKERS

Good Grade Felt; Diameter, 1⅝ inches; Thickness, ⅛-inch.

Per Dozen

No. 9—Weight per Dozen, 1 oz.....**$0.30**
One Dozen in a Carton

JUSTRITE
CARBIDE CONTAINERS

Made of Light Stamped Steel; Tin Coated; Capacity, 10 ozs.; Air Tight; Sliding Cover; Can Shaped to Fit the Boot or the Hip Pocket; Size, 3½x4½x1¼ inches.

Per Dozen

No. 77—Weight per Dozen, 3 lbs.....**$3.00**
One Dozen in a Carton

JUSTRITE
CARBIDE CONTAINERS

Heavy Tin; Double Seamed; Capacity, 1 lb.; Screw Cover; 1½-inch Opening; Size, 7¼x 2½x3¼ inches.

Per Dozen

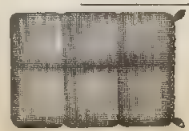
No. 23—Weight per Dozen, 3½ lbs.....**$2.80**
Loose

CALCIUM CARBIDE

UNION

For Generating Gas for All Kinds of Acetylene Gas Lamps; It is Safe, Clean and Portable; Miners Lamp Size Cans.

Nos.	Size Can, lbs.	Wt. Per Case, lbs.	Cans in Case	Per Case
2M	2	60	24	**$9 60**
10M	10	70	6	**10 60**



MINERS CAPS

GENUINE BARTA PATENTED

Heavy White Special Shrunk Duck; Flannel Lined, 2½-inch Heavy Solid Leather Visor; Lamp Holder Made of Solid Leather; Sizes, 6¾, 6⅞, 7, 7⅛, 7¼ and 7⅜ inches.

Per Dozen

No. MC76—Weight per Dozen, 3 lbs...**$13 50**
One Dozen Assorted Sizes in a Box
We Do Not Break Boxes

Special White Shrunk Duck, Flannel Lined; Fireproof Fiber Lamp Attachment with Metal Rim, which will Hold Lamp in an Upright Position, Regardless of Position Assumed by the Wearer; Duck Visor; Sizes: 6¾, 6⅞, 7, 7⅛, 7¼ and 7⅜ inches.

Per Dozen

No. 27—Weight per Dozen, 3 lbs.....**$8.00**
One Dozen Assorted Sizes in a Box
We Do Not Break Boxes

Lamp Attachment Reinforced by Heavy Metal Rim and Constructed so Lamp Will Retain an Upright Position Regardless of Position Assumed by the Wearer; Lamp Can be Attached or Detached Without Removing Cap from Head; 10-Ounce Army Duck.

Nos.	Color Duck	Weight Per Dozen, lbs.	Per Dozen
MCW30	White	3¼	**$5 50**
MCB30	Brown	3¼	**6 00**

One Dozen Assorted Sizes in a Box

With Non-oil Absorbing, Fireproof Hard Fiber Lamp Attachment; Reinforced with Metal Rim; All Cotton Flannel Lined; Black Waterproof Visors, Heavy Weight Duck. Sizes: 6¾, 6⅞, 7, 7⅛, 7¼, and 7⅜ inches

Nos.	Color Duck	Weight Per Dozen, lbs.	Per Dozen
MCW20	White	3¼	**$4 50**
MCB20	Brown	3¼	**5 50**

One Dozen Assorted Sizes in a Box

CANDLE WICKING

Coarse Thread.

Cotton; For Miners, Lubricating Journals, etc.

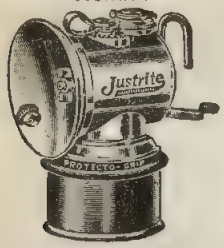
Per Pound

No. X—2-oz. Balls.....**$0 50**
In Five Pound Bales

MINERS CARBIDE LAMPS

Used by Miners, Surveyors, Mining Engineers and Superintendents, Etc.

JUSTRITE



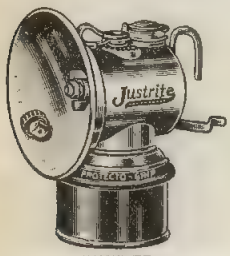
Equipped with Protecto Rubber Grip

Wire Feed so Constructed That Supply of Water Can be Increased or Decreased as Desired; Will Burn 2½ Hours on One Charge (2 oz. Carbide).

Polished, Drawn Brass Lamp; Equipped with Patent Lighter; Reflector 2½ inches in Diameter. Complete Without Extra Carbide Bottom.

Per Dozen

No. 407—Weight per Dozen, 6 lbs.....**$21 60**
Twelfth Dozen in a Carton



JUSTRITE

Equipped with Protecto Rubber Grip

Polygon Feed; Made of Brass, Nickel Plated; with 3-inch Saucer Shape Reflector; Used Principally in Lead Mines; Equipped with a Round Hook.

Per Dozen

No. 769—Weight per Dozen, 6 lbs.....**$22.80**
Twelfth Dozen in a Carton

JUSTRITE

Made of Brass, Polished; Polygon Feed; Can be Adjusted to Permit a Free Flow of Water; Square Construction at Base of Valve Stem "Lips the Carbide" and Makes Flame Respond Quickly to Regulation; Has a 2½-inch Reflector; Round Hook.

Equipped with Protecto Rubber Grip

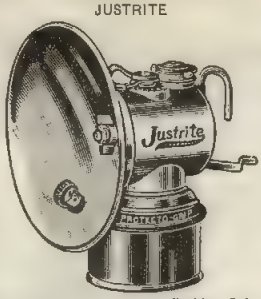
Per Dozen

No. 707—Weight per Dozen, 6 lbs.....**$21.60**
Twelfth Dozen in a Carton

MINERS CARBIDE LAMPS

Used by Miners, Surveyors, Mining Engineers and Superintendents, Etc.

JUSTRITE

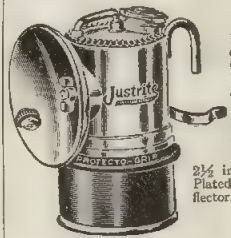


Equipped with Protecto Rubber Grip

Made of Brass; 4-inch Nickel, Polished, Plated Reflector; Polygon Feed; Will Burn 2½ Hours on One Charge (2 oz. Carbide); Equipped with Round Hook; will Give Excellent Service for General Utility Work.

Per Dozen

No. 747—Weight per Dozen, 7 lbs.....**$24.00**
Twelfth Dozen in a Carton



JUSTRITE

Made of Brass, Polished, Strongly Constructed; Vertical Shape with Detachable Reflector; Polygon Feed; Round Hook; With 2½ inch Nickel Plated, Polished Reflector.

Equipped with Protecto Rubber Grip

Per Dozen

No. 661—Weight per Dozen, About 6 lbs..**$21 60**
Twelfth Dozen in a Carton

GUY DROPPER
COAL MINERS

Has a 2½ inch, Deep Nickel Plated Reflector; Intended for Miners Working in Wet Places or Where the Roof is Low; This Reflector is Deep Enough to Protect the Burner Tip from Water; Brass Lamp, Polished Finish, with Corrugated Bottom; Reflector Attached to Lamp with Wing Nut; Also Used to Remove Tip.

Per Dozen

No. 285—Weight per Dozen, 7 lbs.....**$20.00**
Twelfth Dozen in a Carton

EXTRA BOTTOMS

Per Dozen

No. 129—Weight per Dozen, 2 lbs.. ....**$4 00**
One Dozen in a Carton

MINERS CARBIDE LAMPS

Used by Miners, Surveyors, Mining Engineers and Superintendents, Etc.

AUTO-LITE

COAL MINERS

Equipped with Rubber Bumper Grip on Bottom.

Highly Polished Solid Brass Lamps; 2½-inch Silver Nickeled Reflectors with Self Lighters, Burning Capacity, 3 to 4 hours.

Per Dozen

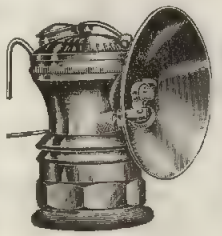
No. 106—Weight per Dozen, 6 lbs.....**$20 00**
Twelfth Dozen in a Carton

EXTRA BOTTOMS

Less Rubber Bumper Grip

Per Dozen

No. 120—Weight per Dozen, 2 lbs.....**$4.00**
One Dozen in a Carton



LEAD MINERS

Equipped with Rubber Bumper Grip on Bottom.

Highly Polished Nickel Plated; 3-inch Silver Nickeled Reflectors with Self Lighter; Burning Capacity, 3 to 4 hours.

Per Dozen

No. 303—Weight per Dozen, 7 lbs.....**$21 60**
Twelfth Dozen in a Carton

EXTRA BOTTOMS

Less Rubber Bumper Grip

Per Dozen

No. 330—Weight per Dozen, 2 lbs.....**$4.00**
One Dozen in a Carton

GUY DROPPER
ORE MINERS

Has a Large, Deep, 3-inch Nickel Plated Reflector, Highly Polished; Reflector Fastened to Lamp by Wing Nut, Screwed to Burner Tube; Brass Lamp, Nickel Plated Finish; Equipped with Round Hook and Corrugated Bottom.

Per Dozen

No. 230—Weight per Dozen, 7 lbs.... **$21.60**
Twelfth Dozen in a Carton

EXTRA BOTTOMS

Per Dozen

No. 1290—Weight per Dozen, 2 lbs.....**$4 40**
One Dozen in a Carton

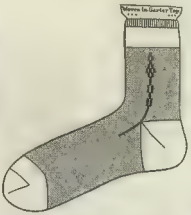
Bear Brand 'Shorts' for Men

Bear Brand Hosiery Subject to 2% Discount

An innovation in summer short length sox for men. Not a fad but the first sensible improvement made in years. Ideal for summer wear. No fuss and bother with garters. The new woven-in feature garter top will last as long as the hosiery itself. Here is real comfort at no extra cost. Styles listed on this page are shorter than standard length sox, but come well above the ankle.

A rayon plaited medium weight number in a small figured pattern. Cotton heel, toe and top. Assorted 4 pairs each, blue, tan and gray and boxes of 1 dozen. Sizes 10, 10½, 11, 11½ and 12.

No. 1D100. Per dozen..... **1.25**



Pastel Colors, clock pattern, medium weight rayon plaited, white heel, toe and top. Assorted 4 pairs, light blue, light tan and light gray, in boxes of 1 dozen. Sizes 10, 10½, 11, 11½ and 12

No. 1D91. Per dozen..... **1.25**

Neat Jacquard Pattern, medium weight, rayon plaited on cotton. 1 dozen assorted 4 pairs each, blue, tan and gray in box. Size 10, 10½, 11, 11½ and 12

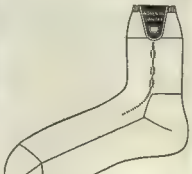
No. 1D90. Per dozen..... **1.25**

Light Weight, Small figure woven pattern, made of fine gauge rayon, double sole, mercerized heel, toe and top. ½ dozen pairs in box, assorted 3 pairs dark gray, 1 pair each light blue, tan and light gray. Sizes 10, 10½, 11, 11½ and 12.

No. 1D89. Per dozen..... **1.85**

Same Quality as Vertical Stripe described at left. All white assortment. ½ dozen pairs in box, assorted. 3 pairs brown stripes, 2 pairs black stripes and 1 pair blue stripes. Sizes 10½, 11 and 11½ only.

No. 1D87. Per dozen..... **2.75**



All White Assortment. A fine gauge light weight rayon number. Neat hand clocking in brown, blue and black. Double high spliced heel, sole and toe. ½ dozen pairs assorted in box.

No. 1D86. Per dozen..... **2.75**

Vertical Stripe Pattern. Fine quality sheer rayon, double sole and high spliced heel, 2 color all around woven stripes. ½ dozen pairs assorted, 3 pairs black, 2 pairs brown and 1 pair navy blue. Sizes 10, 10½, 11, 11½ and 12.

No. 1D88. Per dozen..... **2.75**

Hosiery on this page will be billed at prices prevailing on day of shipment.

Bear Brand Hose Give Service

2% Discount on Bear Brand Hosiery

Men's Fancy Patterned Sox. Well made and finished. Neat rayon pattern plaited on cotton. Reinforced heel and toe. Elastic ribbed top. Sizes 10-10½-11-11½ and 12. New pattern monthly.

No. 1D114. Per dozen..... **1.25**

"Dearborn," an excellent wearing pure silk number. Medium heavyweight elastic mercerized top, double sole and toe, high spliced plaited heel. ⅛ dozen pairs in box. Sizes 10-10½-11-11½-12.

No.	Color	Per Dozen Pairs
1D156/1.	Black	**3.00**
1D156/A.	Gray	
1D156/C.	Navy Blue	
1D156/W.	White	

All Rayon Men's Sox. Fancy woven pattern. Double sole and high spliced heel. Elastic ribbed top. 1 dozen in box—assorted grey, brown and navy blue. Sizes 10-10½-11-11½-12.

No. 1D162. Per dozen..... **1.50**

"Parasilk" Men's Sox. A light weight fine gauge number knit from pure thread silk, wearing points strongly reinforced, elastic mercerized top. ½ dozen pairs in box. Sizes 10-10½-11-11½-12.

No.	Color	Pairs Per Dozen
1D97/1.	Black	**2.75**
1D97/A.	Gray	
1D97/C.	Navy Blue	

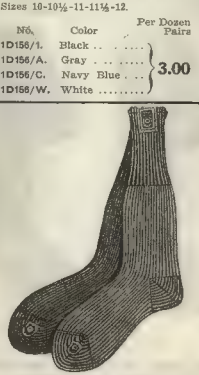
"Banker" Sox. De Luxe quality, made of the finest quality pure thread silk. Extra heavy weight. Elastic ribbed top, mock seam back, reinforced toe and sole, heel is high spliced. ½ dozen pairs in box. Sizes 10-10½-11-11½-12.

No.	Color	Per Dozen Pairs
1D155/1.	Black	**3.75**
1D155/3.	Gray	
1D155/4.	Navy Blue	
1D155/W.	White	

POSTMAN AND POLICEMAN

Bear Brand "P & P" Men's 175 needle cotton sox, medium weight, elastic ribbed top, heels and toes reinforced. One dozen in box, sizes 9½ to 12. Colors, black, brown, tan and gray.

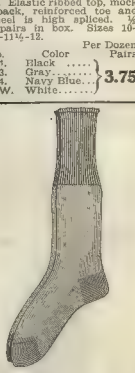
No.	Colors	Per Dozen Pairs
1D183/1.	Black	**1.15**
1D183/10.	Brown	
1D183/11.	Tan	
1D183/9.	Gray	
1D183/W.	White	



ENGINEER AND FIREMAN

Bear Brand "Engineer and Fireman" Men's heavy-weight cotton sox, three thread heel and toe, elastic ribbed top, sizes 9½ to 12. One dozen in box. Colors, black, brown and natural.

No.	Colors	Pairs Per Dozen
No. 1D151/1.	Black	**1.32½**
No. 1D151/10.	Brown	
No. 1D151/2.	Natural	



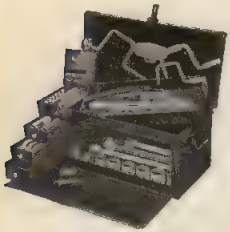
Bear Brand "Ensign" Men's full mercerized sox, fine gauge, trim fitting, elastic ribbed top, sizes 9½ to 12. Colors, black, brown, French tan and smoke. One-half dozen in box.

No.	Colors	Per Dozen Pairs
1D150/1.	Black	**1.85**
1D150/10.	Brown	
1D150/11.	French tan	
1D150/9.	Smoke	
1D150/W.	White	

Hosiery On This Page Will Be Billed at Prices Prevailing On Day of Shipment

BLACKHAWK WRENCH SETS

CHROME VANADIUM, CHROMIUM PLATED



No. 87WD "BIG CHIEF" CHEST

The ultimate in wrench sets. A beautiful assortment of Blackhawk wrenches to handle all repair work. Efficient and complete.

The big sturdy steel case has a removable tote box tray, three pull drawers and extra space for additional equipment.

Per set

No. 87WD Set—Consists of 87 tools, as enumerated below, put up in a 27x12x13 in. steel case; wt. per set 106 lbs. $248.40

Contents of No. 87WD Set:

Extra Small Series—¼ in. Square Drive

One each Midget Obstruction Offset No. 1521, Grip Handle No. 1523 and Extension Bar No. 1525; Single Hex Sockets from $\frac{7}{32}$ in. to $\frac{9}{32}$ in., Nos. 1506, 1507, 1508 and 1509; Double Hex Sockets from $\frac{7}{32}$ in. to $\frac{1}{4}$ in., Nos. 1510, 1511, 1512 and 1514. All packed in individual metal case "N".

Small Series—⅜ in. Square "Lock-On" Drive

One each Speeder Handle No. 9510S, Hinged Offset No. 9207S, Handle Bar No. 9209S, Extension Bars Nos. 9206S and 9210S, Screw Driver No. 8552S, Universal Joint No. 8502S; Double Hexagon Sockets from $\frac{5}{16}$ in. to $\frac{5}{8}$ in., Nos. 7812S, 7814S, 7816S, 7818S and 7820S.

Standard Series—½ in. Square "Lock-On" Drive

One each Standard Speeder No. 9611, Brace Handle No. 9506, Free Wheeling Ratchet Wrench No. 9810, Extension Nos. 9206 and 9210, Handle Bar No. 9209, Hinged Offset No. 9208, Obstruction Offset No. 9202, Screw Driver No. 8552, Universal Joint No. 8502; Double Hexagon Sockets from $\frac{7}{16}$ in. to 1 in., Nos. 6614, 6616, 6618, 6619, 6620, 6622, 6624, 6625, 6626, 6628, 6630, 6631, 6632; Double Square Sockets from $\frac{7}{16}$ in. to $\frac{3}{4}$ in., Nos. 8114, 8116, 8118, 8120 and 8124. Two "Lock-On" Release Keys, No. 9004.

Heavy Duty Series—¾ in. Square "Lock-On" Drive

One ratchet, No. 916N; one each Sliding Offset No. T4XN, Extensions Nos. 78XN and T17XN, Double Hexagon Sockets from $1\frac{7}{16}$ to $1\frac{13}{16}$ in., Nos. D34XN, D36XN, D40XN, D44XN, D46XN, D48XN, D52XN, D56XN and D58XN.

Short Box Type Wrenches

One each Nos. 15176, 15177 and 15178. Sizes ⅜ in. to $\frac{11}{32}$ in., double hex. One each Nos 15182, 15183, and 15184. Sizes ⅝ in. to $\frac{7}{8}$ in., double hex.

Spark Plug Sockets

One each Pressed Steel Sockets, Nos. 3329 and 3731, and Handle No. 3760.

Open End Wrenches

One each Nos. 1723, 1025, 1027C, 1028S, 1731A, 1033C, and two each Nos. 422, 424, and 426.

NO. 11ND "MIDGET SET"

A complete new assortment of extra small series socket wrenches for delicate work in close quarters, ideal for repairs on relays, generators, starters, switches and radios; ice machines, oil burners, linotypes and similar precision instruments.

Contents of Set:

One each Nos. 1521, 1523 and 1525; sockets $\frac{7}{32}$ to $\frac{1}{4}$, Nos. 1506, 1507, 1508, 1509, 1510, 1511, 1512 and 1514.

Per set

No. 11ND Set—Consists of 11 tools, as enumerated above, put up in a pocket size metal case; weight per set 1¼ lbs. $13 68

One set in a carton.

No. 43VD "WAL-SET"

Something new in a wrench set that is unusual and unique.

The set opens up flat, stands on the floor, or hangs on the wall, making a portable case for the tools fastened to the hooks inside. Convenient to take right to the job.

Per set

No. 43VD Set—Consists of 43 tools, as enumerated below, put up in a 21⅛x 13⅞x3¾ in. case; weight per set 30 lbs. $119.88

Contents of No. 43VD Set:

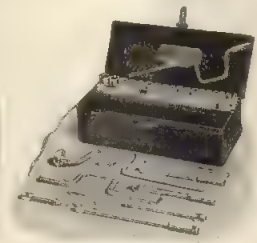
Small Series ⅜ in. Square "Lock-On" Drive

Speeder Handle No. 9510S, Hinged Offset No. 9207S, Handle Bar No. 9209S, Extensions Nos. 9206S and 9210S, Free-Wheeling Ratchet No. 9707S, Universal Joint No. 8502S, Screw Driver No. 8552S. Double Hexagon Sockets, ⅜ in. to ¾ in.; Nos. 7812S, 7814S, 7816S, 7818S, 7820S, 7822S and 7824S.

Standard Series ½ in. Square "Lock-On" Drive

Speeder No. 9611. Hinged Offset No 9208, Handle Bar No 9209, Obstruction Offset No. 9202, Free-Wheeling Ratchet No 9810, Extensions, Nos 9206 and 9210, Universal Joint No. 8502, Screw Driver Blade No. 8552, Release Key No. 9004. Double Hexagon Thin Wall Sockets, $\frac{7}{16}$ in. to 1 in ; Nos. 6614, 6616, 6618, 6620, 6622, 6624, 6626, 6628, 6630 and 6632. Double Square Sockets from $\frac{7}{16}$ in. to ⅝ in., Nos. 8114, 8116, 8118, and 8120. Half and Half Box Type Wrenches, $\frac{7}{16}$ in. to ⅝ in.; Nos. 15350, 15351, 15352 and 15353.

One set in a carton.



No. 45CB "JUNIOR TREASURE CHEST"

Expert mechanics themselves helped design this assortment of Blackhawk Wrenches. It's practical, complete, and priced within your reach. Forty-five (45) tools—chromium plated. Includes Free Wheeling Ratchet No. 9810 Nickeled name plate with your name free.

Per set

No. 45CB Set—Consists of 45 tools, as enumerated below, put up in a 20½x8⅝x6¼ in. case, wt per set 43 lbs. $114.30

Contents of No. 45CB Set:

Small Series—⅜ in. Square "Lock-On" Drive

One each Nos. 9510S, 9207S, 9209S, 9206S, 9210S, 8502S and 8552S; Double Hex Sockets, ¼ in. to ⅝ in., Nos. 7808S, 7810S, 7812S, 7814S, 7816S, 7818S and 7820S.

Standard Series—½ in. "Lock-On" Drive

One each Nos. 9611, 9507, 9202, 9208, 9209, 9810, 9206, 9260, 8502, 8552 and 9004; Double Hexagon Sockets, $\frac{7}{16}$ in. to 1 in., Nos. 6614, 6616, 6618, 6619, 6620, 6622, 6624, 6625, 6626, 6628, 6630 and 6632; Double Square Sockets, $\frac{7}{16}$ in. to ¾ in., Nos. 8114, 8116, 8118, 8120 and 8124; Box Types Nos. 15176, 15177 and 15178.

One set in a carton.

BLACKHAWK WRENCH SETS

CHROME VANADIUM, CHROMIUM PLATED

NOS. 17TD AND 18PD SETS

Every mechanic not equipped with the larger, more complete Blackhawk sets will want this special set of Hinged Offset, Handle bar, release key and 14 of the most popular Double Hexagon socket drives. Units in this set have standard ½ inch square "Lock-on" drive. Packed in metal case T.

Contents of Set:

One each Nos 9217 hinged offset, 9209 handle bar and 9004 release key; double hex sockets ⅜ to 1 1/16 in., Nos. 8412, 8414, 8416, 8418, 8419, 8420, 8422, 8424, 8426, 8428, 8430, 8432, 8434 and 8436.

Per set

No. 17TD—Complete; wt. per set 8½ lbs. **$30.06**

One set in a carton.

Similar to No. 17TD but with four less tools and in smaller case.

Contents of Set:

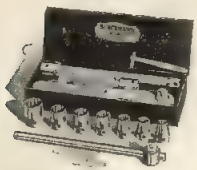
One each Nos. 9207 hinged offset, 9209 handle bar and 9004 release key; double hex sockets ⅜ to 1/16 in., Nos. 8412, 8414, 8416, 8418, 8419, 8420, 8422, 8424, 8428 and 8430.

Per set

No. 18PD—Complete; wt. per set 5 7/16 lbs. **$19 58**

One set in a carton.

No. 12PD SET



An unusual assortment of twelve tools for ordinary repairs. Its cost is low but gives you a fine useful set. ⅛ in. square "Lock on" drive.

Contents of Set:

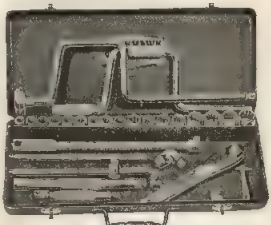
One each Nos. 9204 sliding offset, 9811 ratchet handle, 9206 extension bar, and 9004 release key; double hex sockets 7/16 to ⅞ in., Nos. 8414, 8416, 8418, 8420, 8422, 8424 and 8428.

Per set

No. 12PD—Complete; wt. per set 6 7/16 lbs. **$24.30**

One set in a carton.

NO. 30CD SET



Thirty popular tools for general repair work. Sockets are standard wall design. All tools ½ in. Square "Lock-on" drive

Contents of Set:

One each standard speeder No. 9611, brace handle No. 9506, ratchet handle No. 9811, hinged offset No. 9208, handle bar No 9209, sliding T and offset No. 9204, extension bar No. 9210, extension bar No. 9206, Universal joint No. 8502, drag link and tie rod socket No. 8552, two each release tools No. 9004; fourteen double hex sockets from ⅜ to 1 in., Nos. 8412, 8414, 8416, 8418, 8419, 8420, 8422, 8424, 8425, 8426, 8428, 8430, 8431, 8432; and four double square sockets from 7/16 to ⅝ in., Nos. 8114, 8116, 8118, 8120.

Per set

No. 30CD—Complete; wt. per set 27¾ lbs. **$65.34**

One set in a carton.

BLACKHAWK RIM WRENCHES

CAR OWNER RIM WRENCHES

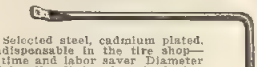
Selected steel, cadmium plated.

Each

No. 5220—⅝ in. socket size, ½ in. diameter stock, 5¾ in. shank, 4 7/16 in. sweep; weight each 1½ lbs. **$1 50**

Five in a carton

KELSEY-HAYES AND C.W.C. RIM TOOLS



Selected steel, cadmium plated. Indispensable in the tire shop—a time and labor saver. Diameter of handle, ⅝ in; length, 20 in. C.W.C. end offset, 4¼ in. with ⅞ x 1/16 in. shank. K-H end has ⅝ in. oversized square opening for easy lift.

Each

No. 5603 Wt. each 2 lbs. **$2.70**

Five in a carton.

We are Distributors of the Complete BLACKHAWK Line of Socket Wrenches, Sets, and Handles.

WRITE FOR COMPLETE CATALOG AND PRICE LIST

BLACKHAWK RIM WRENCHES

CROSS-TYPE, WITH HUB CAP PULLER

Extra deep socket construction takes all nuts, even with extended bolts. Bell-shaped sockets are useful where rim nuts are close to the hub walls.

One socket has built-in spring backed hub cap puller that slides out easily when released by pressing button. When not in use, puller is pushed in and locked, permitting use of socket. Selected steel, cadmium plated.

Each

No. 5204Z—14½ in. over all, ⅝ in. diameter handles, sockets 1⅝ in. deep; ⅝, ¾, 7/8 and ⅞ in. hexagon sockets; wt. each 3¾ lbs. **$7.20**

One in a carton

UNIVERSAL TRUCK

A rim tool that handles 90% of all truck rim nuts including Ford and Chevrolet. A powerful tool. 23 in. over all. No. 5401 handle can be used for extra leverage through hole in center.

Socket Sizes ⅞, 1⅛, 1¼ and 1½ in. hexagon ⅝ and 1/8 in. square

1/8 in. square for Ford Trucks and Budd-Michelin rims, ⅝ in. square for 1931-33 Chevrolet Truck. Selected steel, cadmium plated.

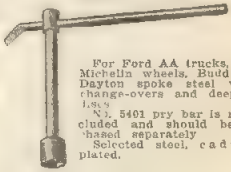
Each

No. 5206 Without No. 5401 pry bar; wt. each 7½ lbs. **$14.40**

No. 5401 -Pry bar; wt. ea. 1½ lbs. **2 52**

No. 5206, one in a carton, No 5401, five in a carton.

TRUCK AND BUS



For Ford AA trucks, Budd-Michelin wheels, Budd Duals Dayton spoke steel wheels, change-overs and deep dual rims.

No. 5401 pry bar is not included and should be purchased separately.

Selected steel, cadmium plated.

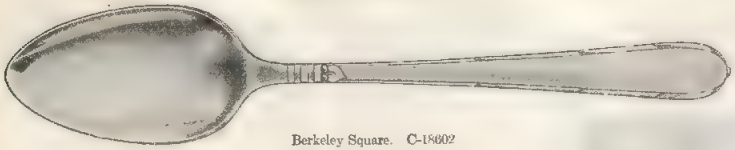
Each

No. 5448—⅞ in. diameter stock, 14½ in. long; 1/2 in. square, 1½ and 1½ in. hexagon sockets; wt. each 3¼ lbs. **$4.50**

Five in a carton.

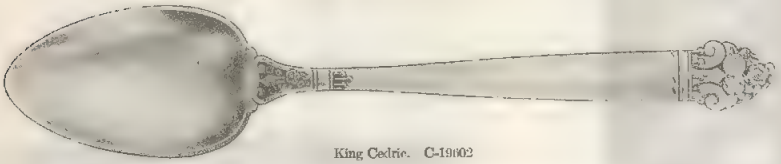
COMMUNITY PLATE

BRIGHT FINISH.

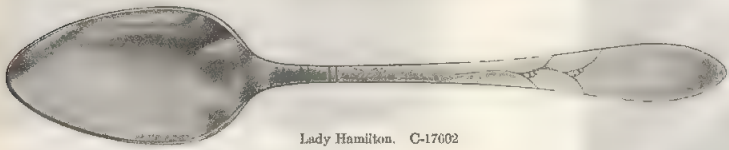


Berkeley Square. C-18602

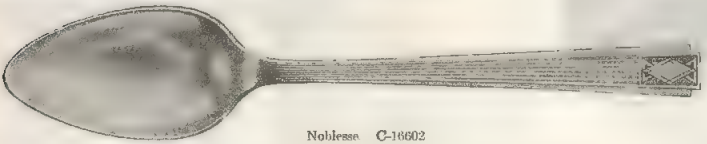
BRIGHT BUTLER FINISH.



King Cedric. C-19002



Lady Hamilton. C-17602



Noblesse C-16602

Deauville. C-15602

Grosvenor C-11602

COMMUNITY PLATE.

The Aristocrat of the Dining Table.

Exquisite patterns and life-time quality plus its convincing national advertising, make this one of the best known and fastest selling lines for the live dealer.

OPEN STOCK.

SPOONS.

Berkeley Square	King Cedric	Lady Hamilton	Noblesse	Deauville	Grosvenor		Suggested Retail Per Dozen
C-18602	C-19602	C-17602	C-16602	C-15602	C-11602	Tea	$ 8.00
C-18603	C-19603	C-17603	C-16603	C-15603	C-11603	Dessert or Oval Soup	16.00
C-18605	C-19605	C-17605	C-16605	C-15605	C-11605	Tabe	16.00
C-18618	C-19618	C-17618	C-16618	C-15618	C-11618	Cream Soup	13.00
C-18625	C-19625	C-17625	C-16625	C-15625	C-11625	After Dinner Coffee	7.50
C-18622	C-19622	C-17622	C-16622	C-15622	C-11622	Bouillon	11.50
C-18601	C-19601	C-17601	C-16601	C-15601	C-11601	5 O'clock Tea or Sherbet	7 50
C-18641	C-19641	C-17641	C-16641	C-15641	C-11641	Orange	11.50
C-18629	C-19629	C-17629	C-16629	C-15629	C-11629	Iced Tea	11.50

KNIFE AND FORK SETS, Hollow Handle, DeLuxe, Stainless.

							Per Set
C-18807	C-19807	C-17807	C-16807	C-15807	C-11807	6 Grille Knives and 6 Grille Forks, dinner size	$21.00
C-18557	C-19557	C-17557	C-16557	C-15557	C-11557	6 Dinner Knives and 6 Dinner Forks	21 00
C-18559	C-19559	C-17559	C-16559	C-15559	C-11559	6 Dessert Knives and 6 Dessert Forks.	21.00

KNIFE AND FORK SETS, Modeled Handle, DeLuxe, Stainless.

C-18805	C-19805	C-17805	C-16805	C-15805	C-11805	6 Dinner Knives and 6 Dinner Forks.	18.00
		C-17806	C-16806	C-15806		6 Dessert or Luncheon Knives and 6 Dessert Forks	18.00

FORKS.

							Per Dozen
C-18630	C-19630	C-17630	C-16630	C-15630	C-11630	Grille, dinner size	$16.00
C-18607	C-19607	C-17607	C-16607	C-15607	C-11607	Dinner, regular	16.00
C-18606	C-19606	C-17606	C-16606	C-15606	C-11606	Dessert or Luncheon	16.00
C-18679	C-19679	C-17679	C-16679	C-15679	C-11679	Oyster or Cocktail	11 50
C-18688	C-19688	C-17688	C-16688	C-15688	C-11688	Salad	13.00

KNIVES.

C-18697	C-19697	C-17697	C-16697	C-15697	C-11697	Butter Spreaders	13.00

KNIVES, Hollow Handle, DeLuxe, Stainless.

C-18561	C-19561	C-17561	C-16561	C-15561	C-11561	Grille, dinner size	26.00
C-18665	C-19665	C-17665	C-16665	C-15665	C-11665	Dinner	26.00
C-18737	C-19637	C-17637	C-16637	C-15637	C-11637	Dessert or Luncheon	26.00

KNIVES, Modeled Handle, DeLuxe Stainless.

C-18592	C-19592	C-17592	C-16592	C-15592	C-11692	Dinner	20.00
		C-17593	C-16593	C-15593		Dessert or Luncheon	20.00

SERVING PIECES.

							Each
C-18620	C-19620	C-17620	C-16620	C-15620	C-11620	Berry Spoon	$2.25
					C-11647	Berry Spoon, small	1.75
C-18695	C-19695	C-17695	C-16695	C-15695	C-11695	Butter Knife or Server	1 50
C-18667	C-19667	C-17667	C-16667	C-15667	C-11667	Cold Meat Fork	2 25
C-18717	C-19717	C-17717	C-16717	C-15717	C-11717	Gravy Ladle	2.25
			C-16483	C-15483	C-11483	Jam Spoons	1.50
C-18623	C-19623	C-17623	C-16623	C-15623	C-11623	Jelly Server	1 75
C-18484	C-19484	C-17484	C-16484	C-15484	C-11484	Pastry Server, pierced	3 00
C-18646	C-19646	C-17646	C-16646	C-15646	C-11646	Pickle Fork	1.00
C-18710	C-19710	C-17710	C-16710	C-15710	C-11710	Pie or Ice Cream knife, hollow handle.	3.25
C-18690	C-19690	C-17690	C-16690	C-15690	C-11690	Round Server, pierced	2 25
			C-16715		C-11715	Salad Dressing Ladle	1 75
C-18650	C-19650	C-17650	C-16650	C-15650	C-11650	Sugar Spoon	1.50
C-18708	C-19708	C-17708	C-16708	C-15708		Sugar Tong	1.75
							Per Set
C-18729	C-19729	C-17729	C-16729	C-15729	C-11729	Butter Knife and Sugar Spoon	3.00

CARVING SETS, DeLuxe, Stainless Blades.

C-18725	C-19725	C-17725	C-16725	C-15725	C-11725	3-piece, Hollow Handle Fork, Steel and Knife, 9-inch blade	17.00
C-18728	C-19728	C-17728	C-16728	C-15728	C-11728	2-piece, Hollow Handle, Fork and Knife, 5-inch blade	6.00

CHILD SETS AND PIECES.

							Each
	C-19619	C-17619	C-16619	C-15619	C-11619	Baby Spoon, bent	$0.75
							Per Set
	C-19738	C-17738	C-16738	C-15738	C-11738	Baby Spoon and Fork	$1.50
	C-19735	C-17735	C-16735	C-15735	C-11735	Hollow Handle Knife, Fork and Spoon.	3.00
	C-19737	C-17737	C-16737	C-15737	C-11737	Modeled Handle Knife, Fork and Spoon	2.50

EXCLUSIVE MOVIES

We are proud to announce the exclusive rights to Popeye and Betty Boop on 16mm. Films

"ARF - I wants me spinach", says Popeye,

"I needs me strength to fight in the new pichurs." Popeye, the sailor-ma-a-an, is now devoting his 16 MM fillums entirely to Exclusive Film Service on an exclusive contract. Don't fail to profit this season with him. Carry a plentiful supply of Popeye films. Watch him smack old man depression on the jaw.

"Ooh - Ooh - Mister Toy Buyer"

"I'm very exclusive now, too," says Betty Boop, "and I know you'll just love all my new pictures. Won't you come up and see me in Room 401-3, McAlpin?"

EXCLUSIVE MOVIE STUDIOS

732 S. WABASH AVENUE, CHICAGO

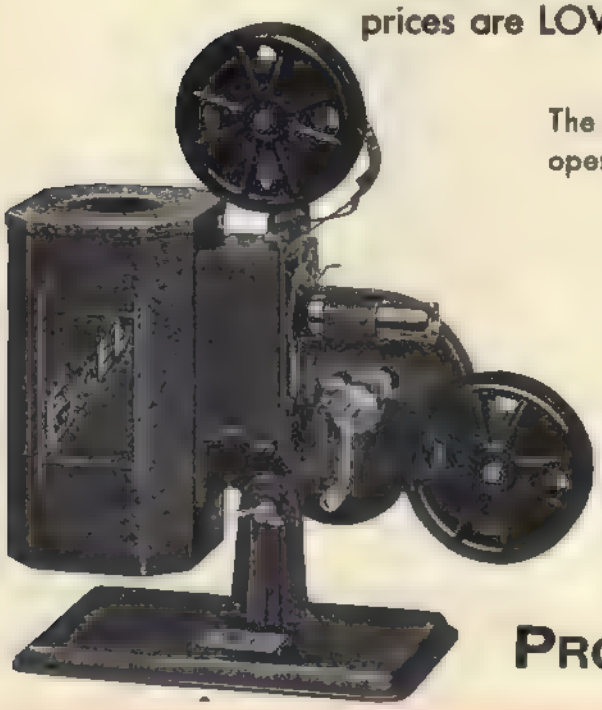
When writing to Exclusive Movie Studios will you please mention PLAYTHINGS?

EXCEL Projectors

Above all else . . . QUALITY

No longer by price alone are sales being closed. The recent "price market" is rapidly reverting to its old standard of quality first.

EXCEL offers projectors with the features of high priced moving picture machines . . . yet the prices are LOW!



NEW! Popeye Projector

The smash hit of the season. New features, new operation, at a low price.

Be Sure to LOOK at Excel Features! . . . and Compare.

EXCEL

PROJECTOR CORPORATION

732 S. WABASH AVENUE, CHICAGO

OVEN-PROOF KITCHENWARE.

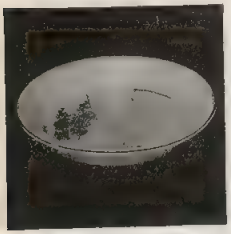
HOLLYHOCK DECORATIONS.

Oven-Proof, Non-Crazing, Attractive in Design and Decoration, Ivory Color, Suitable for Dining Table or Kitchen.

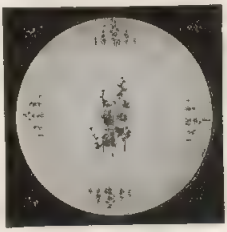
Per Set
No. D8-7—Bowl Sets; one each 6, 7, 8½ and 10-inch bowls; one set in a carton; weight per set, 11¼ lbs. . . .**$3.00**

Per Dozen Sets
No. D8-2—Ice Box Sets; six sets in a carton; weight per carton, 30 lbs .**$22.60**

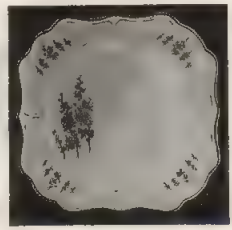
Per Dozen
No. D8-10—Custard Cups; 5-oz.; two dozen in a carton; weight per carton, 11½ lbs. **$2.40**



Per Dozen
No. D8-31—Pie Plates; 9-inch; one dozen in a carton; weight per carton, 18¾ lbs. **$5.90**



Per Dozen
No. D8-71—Tort Plates; 11-inch; half dozen in a carton; weight per carton, 17 lbs **$12.80**



Per Dozen
No. D8-52—Sandwich Trays; 13-inch; half dozen in a carton; weight per carton, 16¾ lbs. **$12.00**

Per Dozen
No. D8-36—Au Gratin Casseroles; 8-inch; half dozen in a carton; weight per carton, 25¼ lbs. **$20.00**

Per Dozen
No. D8-41—Bean Pots; 44-oz.; half dozen in a carton; weight per carton, 18 lbs. **$16.00**

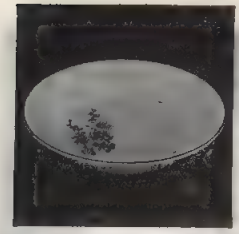
Per Dozen
No. D8-26—Jugs; 5-pint; half dozen in a carton; weight per carton, 30 lbs. .**$17.00**

WE DO NOT BREAK CARTONS.

OVEN-PROOF KITCHENWARE.

HOLLYHOCK DECORATION.

Withstands Temperature Changes, from Oven to Ice Box.



Per Dozen

No. D8-32—Pie Plates; 10-inch; one dozen in a carton; weight per carton, 22 lbs. **$7.30**

Per Dozen Sets

No. D8-2930—Salt and Pepper Sets; one dozen sets in a carton; weight per dozen sets, 10 lbs **$8.80**

Per Dozen

No. D8-47—Pretzel Or Cookie Jars; 4-pint; half dozen in a carton; weight per carton, 23 lbs **$16.90**

Per Dozen

No. D8-43—Covered Casseroles; Mt. Vernon, 7-inch; half dozen in a carton; weight per carton, 19¾ lbs. **$17.70**

Per Dozen

No. D8-24 Jugs; 2½ pints; half dozen in a carton; weight per carton, 13½ lbs. **$12.50**

No. D8-271 Ovenware Assortment Consists of:

3 only—4-piece Bowl Sets.
1/4 dozen—Au Gratin Casseroles.
1/4 dozen Ice Box Sets.
1/12 dozen Jugs, 5-pint.
1 dozen—Custard Cups, 5-oz.
1/3 dozen—Pie Plates, 10-inch.
1/6 dozen—Covered Bean Pots, 44-oz.
1/3 dozen Salt Shakers.
1/3 dozen—Pepper Shakers.
1/6 dozen—Tort Plates, 11-inch
1/6 dozen—Sandwich Plates, 13-inch

Per Assortment

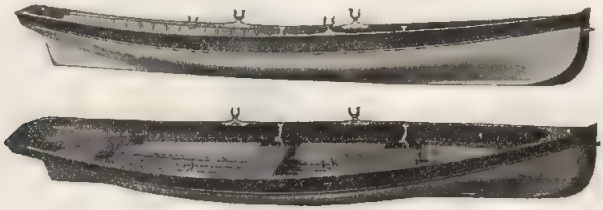
No. D8-271 Ovenware Assortments; contains 40 pieces as listed above; one assortment in a crate; weight per assortment, 135 lbs **$36.00**

WE DO NOT BREAK CARTONS.

ROW BOATS.

LADY OF THE LAKE.

DESIGNED FOR OUTBOARD MOTOR.



Square Stern.

Beautiful in outline and finish. Thoroughly well made.

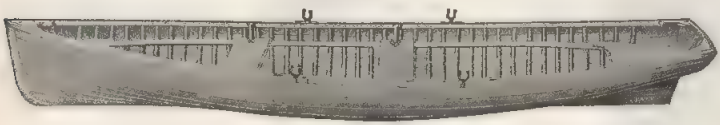
This boat is noted for its easy rowing, and easy handling. It is a popular fishing model, being ideal for livery and resort use. A motor can also be used on this. They are smooth built, being made of narrow strips with half-round joints. The planking is of selected southern cypress or California redwood, which runs the full length of the boat, with no splices to spring a leak. Boats built with these plankings, will outwear two or three red cedar planked boats. The keel, stem, stern board, ribs and gunwales are of selected white oak. The full length ribs are spaced 4¾ inches center to center. A new feature is the short rib between each full length rib, the same as in higher priced boats. This does away with the false bottom, which was a dirt and hook catcher. This new method strengthens a boat a good deal, also makes it very easy to keep clean. The bow or stem is made of one straight grained piece of white oak, 1¾x2¾ inches. It is steam bent and not cut to shape out of a plank which would leave it partly cross grained. The stern board in our boats is not less than one and five-eighths inches thick. Galvanized nails and screws, and the best grade of varnish and paint are used. Finished inside and outside, with three coats of paint, except the seats, fenders, shear strake and gunwales, which are in natural wood, finished with best spar varnish.

Each

No. S-104—Boats; length 15½ feet, beam 48 inches, depth center, 17 inches; weight, 200 pounds; white finish.....**$126.00**

Furnished with one pair oars and one pair oarlocks. **F. O. B. Alexandria, Minn.**

IDEAL.



Special Square Stern.

The square stern row boat is the ideal craft for a boat livery, hotel or summer resort. Its liberal depth and width, its fine entrance and clearance of graceful lines, its easy dead rise and good shoulders, its strong flat floor carried well fore and aft, make this row boat supreme in gracefulness, safety, durability and steadiness. Light running; capable of landing in shallow water; built for hard service rather than ease and cheapness of manufacture. This is indeed the ideal craft.

The entire frame of selected white oak; planking is white cedar; hardwood trimmings; galvanized fittings. Steel stem band and painter rig. One pair of spruce oars, leathered, varnished and copper tipped. The seats, gunwales and breast hooks finished in natural wood in spar varnish. The rest of the boat painted with three coats of best marine paint.

F. O. B. Shell Lake, Wis.

Boats.	Each	Length, Feet	Beam, Ins.	Depth Forward, Ins.	Depth Amidships, Ins.	Depth Aft, Ins.	Weight Lbs.
No. 1C	$83.50	14	42	23	14	20	135
No. 2C	88.00	15	42	24	15	20	150
No. 3C	97.30	16	46	25	16	21	175
No. 4C	104.00	18	48	25	16	21	200

Any of the above boats, 15 feet or over in length, fitted for motors for $4.00 extra. This is not a makeshift arrangement; the heavy transom and stern seat are built in.

Note—Row boats take four times first class freight.

STILL HUNTER.

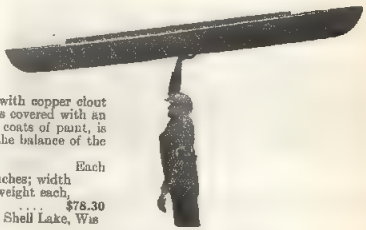
Improved Still Hunter duck boat, comprising all the good features of the Shell Lake Still Hunter and the Racine Muskegon Hunter. The boat has flat bottom of white pine, finished smooth on the outside and ⅜-inch thick, making a bottom that is indestructible. Sides are of cedar, full ⅜-inch thick and clinker construction. Ribs, coaming, deck beams, etc., are of oak. Deck lining is cedar covered with canvas. Anchor tubes pass through both decks. Each boat is complete with two removable seats and one paddle.

	Each	Length, Ft.	Beam, Ins.	Lgth. Cockpit, Ft.
No. S-D1—Boats	$57.00	12	36	7½
No. S-D2—Boats	66.50	14	36	8½

Oars fitted with pin locks if wanted, $4 70 extra.

F. O. B. Shell Lake, Wis.

MALLARD QUEEN.



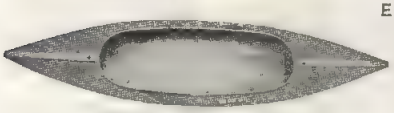
Ribs of cedar spaced 2 inches apart; planking of cedar fastened to ribs with copper clout nails, with every nail clinched on the inside. The entire outside of the boat is covered with an extra close weave of 14-ounce double filled canvas, which in addition to two coats of paint, is given two coats of special silicate filler. The stems and coaming are of oak, the balance of the boat being cedar. Each boat is complete with two seats and two paddles.

Each

No. S-MQ Boats; length, 146 inches; beam, 41 inches; length cockpit, 90 inches; width cockpit, 26 inches; depth under cockpit, 9 inches; length deck, 28 inches; weight each, 54 lbs. $78.30

F. O. B. Shell Lake, Wis

EXPERT.



Two-man boat, with room for decoys, guns, etc. Flat bottom; will stand very rough seas; sturdily built. Bottom is cedar, ⅝-inch thick, remainder of planking is cedar, ⅛-inch thick put on in strips with one edge concave and the other convex. The ribs, stems, deck beams, keel and coaming are of white oak. The decking is cedar and is so constructed that it will stand the hardest kind of usage. Each boat is equipped with anchor tube through deck, false bottom and carrying handles. Finished in a dead grass color, two coats of paint inside and three coats outside.

Each

No S-144—Boats; length, 14 feet, beam, 36 inches; length of cockpit, 8½ feet; weight, 80 lbs. $84.00

The above price includes one pair six-foot oars, oar locks and seat.

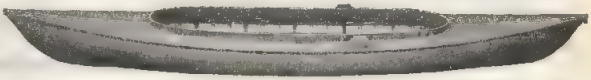
F. O. B. Little Falls, Minn

LADY OF THE LAKE.

The Lady of the Lake hunting skiffs need no recommendation to those who have seen them. No effort is spared in their careful construction and selection of materials.

So designed as to combine the light weight and ease in handling of a canoe and the safety of a row boat. It has one piece bottom and is smooth built, being made up of narrow strips with half-round joints. The planking is made of selected southern cypress and the frame work of selected white oak.

The fine, careful construction of this craft makes it possible to store it indefinitely without danger of shrinking and splitting of hull.



Side View.

Each

No. S-1312—Boats; length, 13½ feet; beam, 37 inches; depth amidship, 9 inches; cockpit, 28 inches x 7 feet; weight, 100 lbs. $90.00

The above price includes one pair of oars and oarlocks.

F. O. B. Alexandria, Minn

Extra for anchor tubes, $5.00 list; for seat, $3.00 list.

SHAPLEIGH'S OUTING KNIVES

New Construction; One-Piece Full Tang Steel Construction from Tip of Blade Along Outside of Handle with End Knob Securely Riveted to it! Center Portion of Steel in Handle Removed Giving Perfect Balance and Secure Fastening of Handle Material; All Blades are Hammer Forged from the Finest Grade Special Formula Crucible Chrome Steel; Full Mirror Finished, Hand Honed and Fine Craftsmanship.

Pearl Composition Handle with Horn Celluloid Backing, Non-Breakable; 4⅝-inch Heavy Clip Blade; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO5—Weight per Dozen, 6 lbs. $48.00

Half Dozen in a Box

Full Leather Washer Handle; 4¾-inch Blade; a General Utility Outing Knife; Comes with a Leather Sheath.

Per Dozen

No. SO6—Weight per Dozen, 5 lbs. $27.00

Half Dozen in a Box

Pearl Composition Handle with Horn Celluloid Backing, Non-Breakable; 4¼-inch Stiletto Type Blade; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO4—Weight per Dozen, 3 lbs. $33 00

Half Dozen in a Box

Pearl Composition Handle with Horn Celluloid Backing, Non-Breakable; 3½-inch Clip Blade; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO3—Weight per Dozen, 3½ lbs. $33 00

Half Dozen in a Box

Assorted Colors Pearlite Handles, Non-Breakable; 3½-inch Clip Blade with Hilt; Each Knife Comes with a Leather Sneath.

Per Dozen

No. S14—Weight per Dozen, 3½ lbs. $30.00

Half Dozen in a Box

FISHERMEN'S KNIVES

The Anglers' Delight

Lays Flat, Takes Little Room in Tackle Box

Blades are Hammer Forged from the Finest Grade Formula Crucible Chrome Steel; Full Mirror Finished and Hand Honed.

Full Scale Tang; Pearl Composition Non-Breakable Handle, Black Underlay; Length of Blade, 3⅛ inches; Width of Blade, ⅝ inch; Scaler Back; Double Edge Ripping Point, with Hilt; Length Over All, 7⅛ inches; Each Knife Comes with a Leather Sheath.

Per Dozen

No. S16—Weight per Dozen, 2¼ lbs. $16.00

Half Dozen in a Box

All Blades are Hammer Forged from Finest Grade Formula Crucible Chrome Steel; Full Mirror Finished and Hand Honed.

Full Scale Tang; Pearl Composition Non-Breakable Handle with Black Underlay; 5-inch Clip Blade, with Hilt; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO7—Weight per Dozen, 5 lbs. $18.00

Half Dozen in a Box

Full Scale Tang; Pearl Composition Non-Breakable Handle with Black Underlay; 4½-inch Clip Blade with Scaler Back, with Hilt; Each Knife Comes with a Leather Sheath.

Per Dozen

No. S12—Weight per Dozen, 3 lbs. $24 00

Full Scale Tang; Pearl Composition; Non-Breakable Handle, with Black Underlay; 4½-inch Clip Blade, with Hilt; Each Knife Comes with a Leather Sheath.

Per Dozen

No. S13—Weight per Dozen, 3 lbs. $22 40

Half Dozen in a Box

Full Scale Tang; Pearl Compositon Handle, Non-Breakable, with Black Underlay; 3⅞ inch Blade; a Wonderful Utility Knife; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO2—Weight per Dozen, 2½ lbs. $16.00

Half Dozen in a Box

Full Scale Tang; Bone Stag Handle; 3⅞-inch Blade; a Very Good Utility Knife for All Outdoor Purposes; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO1—Weight per Dozen, 3 lbs. $12.70

Half Dozen in a Box

Molded Bakelite Handles, Attractive Mottled Colors; 4⅝ inch Heavy Clip Blade, with Long Steel Tang Firmly Set in Handle; Full Mirror Polished; Complete with Leather Sheath.

Per Dozen

No. S10—Weight per Dozen, 5 lbs. $17.40

Half Dozen in a Box

Molded Black Bakelite Handles; 4⅝ inch Heavy Clip Blade with Long Steel Tang Firmly Set in Handle; Complete with Leather Sheath.

Per Dozen

No. S11 Weight per Dozen, 5 lbs. $20.00

Half Dozen in Box

For Scouting, Motorists, Fishermen, Hunting and Premium Users

HUNTING KNIVES

MARBLE

OUTERS' KNIFE

Bone Stag Handle; Full Tang, 4-inch Blade; Tempered and Polished; Length Over All, 7½ inches; Complete with Leather Sheath.

Per Dozen

No. 40—Weight Each, 7 ozs.....**$17.00**

Half Dozen in a Box

MARBLE

EXPERT

Designed for Professionals Who Require a Thin Keen Edge for Dressing Skins and Furs; Back of Blade Designed for Scraping Skins While on the Forms; Leather Handle; Aluminum Tip; Length of Blade, 5 inches; Handle, 3¾ inches; Length Over All, 9¼ inches; Complete with Russet Sheath.

Per Dozen

No. 545—Weight Each, 7 ozs.....**$44.00**

Half Dozen in a Box

MARBLE

WOODCRAFT

Designed for All Purposes, Sticking, Skinning or Cleaning; Back of Blade is Checkered to Give Firm Grip With Thumb or Finger; Made of High Grade Steel; Laminated Leather Handle; Length of Blade, 4½ inches; Handle 3¾ inches; Length Over All, 8¼ inches; Complete with Russet Leather Sheath.

Per Dozen

No. 49—Weight Each, 5 ozs.....**$40.00**

Half Dozen in a Box

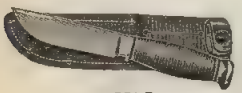
MARBLE

IDEAL

Sole Leather Washer Handle; Trimmings of Brass and Colored Hard Fiber Washers; Brass Hilt; Aluminum Tip; Complete With Orange Leather Sheath.

Nos.	Length Blade, ins	Length Over All, ins.	Weight Each, ozs.	Per Dozen
45/5	5	9¼	6	$48.00
45/6	6	10¼	7	52.00

Half Dozen in a Box



MARBLE

SPORT KNIFE

Leather Handle, 3½ inches; is of Same Construction as Marble's Ideal Knife; Blade Forged from High Grade Cutlery Steel, Expertly Tempered, Polished and Sharpened to a Keen Edge.

For Outdoor or Indoor Use by the Camper, Canoeist, Hiker, Hunter, or Fisherman; Particularly Adapted to the Use of Members of Boy and Girl Scout, Camp Fire Girl, and Other Similar Organizations.

Per Dozen

No. 60—Weight Each, 4 ozs.....**$40.00**

Half Dozen in a Box

HUNTING KNIVES

REMINGTON

OFFICIAL KNIFE

BOY SCOUTS OF AMERICA

Length Over All, 8½ inches; Blade Length, 4½ inches; Blade and Tang One Solid Piece Steel, Mirror Finished and Etched with Official Scout Insignia; Edge Hand Honed; Handle, Leather, Colored Fibre and Brass Discs; Nickel Silver Thumb Guard; Hard, Cast Aluminum Cap; Handle Securely Locked with Countersunk Brass Nut; Sheath of Oak Tanned Leather, Imprinted with Official Scout Insignia.

Per Dozen

No. RH50—Weight Each, Complete with Sheat, 8 ozs.....**$30 00**

REMINGTON

OFFICIAL KNIFE

BOY SCOUTS OF AMERICA

Length Over All, 8 inches; Blade Length, 4 inches; Blade and Tang One Solid Piece Steel, Mirror Finished and Etched with Official Scout Insignia; Edge Hand Honed; Handle, Leather, Colored Fibre and Nickel Silver Disc, Securely Locked with Countersunk Brass Nut; Nickel Silver Thumb Guard; Hard, Cast Aluminum Butt; Sheath of Oak Tanned Leather Imprinted with Official Scout Insignia.

Per Dozen

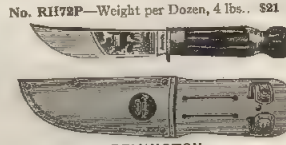
No. RH51—Weight Each, Complete with Sheath, 5½ ozs.....**$21.60**

REMINGTON

Length Over All, 8 inches; Blade Length, 4½ inches; Blade and Tang One Solid Piece Steel, Mirror Finished and Attractively Etched; Edge Hand Honed; Handle: Premite, with Colored Fibre and Nickel Silver Discs, Securely Locked with Countersunk Brass Nut; Nickel Silver Thumb Guard; Hard, Cast Aluminum Butt; Sheat of Oak Tanned Leather with Snap Fastener Loop.

Per Dozen

No. RH72P—Weight per Dozen, 4 lbs.. **$21 60**



REMINGTON

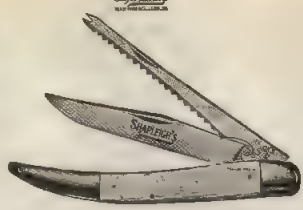
Length Over All, 8 inches; Blade Length, 4½ inches; Blade and Tang One Solid Piece Steel, Mirror Finished and Attractively Etched; Edge Hand Honed; Handle, Genuine Stag; Nickel Silver Thumb Guard and Cap; Sheath of Oak Tanned Leather with Snap Fastener Loop.

Per Dozen

No. RH78—Weight per Dozen, 4 lbs....**$20.00**

All Above, Twelfth Dozen in a Box; Half Dozen in a Carton

FISHERMENS' KNIVES



Nickel Silver Bolsters; Non-Breakable Composition, Amber Colored Handle; Brass Lining; One Long Slim Blade, 4 inches Long; One Combination Bottle Opener, Fish Scaler and Hook Extractor Blade; Hole in Bolster for Straightening Points of Hooks.

Per Dozen

No. SO8—Weight per Dozen, 2½ lbs....**$24.00**

Half Dozen in a Box

Consists of Fish Gaff, Combination Blade with Scaler, Hook Disgorger, Cap Lifter, and One Clip Blade, 3½ inches Long; Hole in Handle for Ring or Cord

Per Dozen

No. SO9—Weight per Dozen, 3½ lbs....**$27.00**

One Dozen in a Box

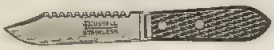
RUSSELL

Beechwood Handle; Full Scale Tang; Fine Grade American Steel Blade; Length of Blade, 5 inches; Glazed Finish; Saw Back for Scaling and Concaved Sharp Ground Back at Point for Ripping; Length Over All, 8⅝ inches.

Per Dozen

No. B4—Weight per Dozen, 2½ lbs..... **$7.20**

Half Dozen in a Box



RUSSELL

Half Scale Tang; Mirror Polished Stainless Steel Blade, Length, 4⅝ inches; Length Over All, 8⅝ inches; Lapped Metal Bolsters; Saw Back for Scaling; Concaved Sharp Ground Back at Point for Ripping; Black Scored Handle; Fastened with Two Brass Rivets.

Per Dozen

No. B3—Weight, per Dozen, 2½ lbs....**$14.00**

Half Dozen in a Box

NATIONAL UNION RADIO TUBES

National Union Radio Tubes are Made by Experts in the Art of Tube Making. They are Rigidly Inspected from the Raw Material to the Finished Article, Thus Insuring Quality and Performance. Many of the Leading Radio Manufacturers Use National Union Tubes as Standard Equipment in their Radio Sets.

Nos.	Filament Voltage		Each
NU01A	5.0	$1.50	$0.70
NU01AA	5.0	1.70	.80
NU1A6	2.0	3.50	1.60
NU1C6	2.0	3.60	1.70
NU1V	6.3	2.40	1.10
NU2A3	2.5	4.00	1.85
NU2A5	2.5	2.60	1.20
NU2A6	2.5	2.60	1.20
NU2A7	2.5	3.00	1.40
NU2B7	2.5	3.50	1.60
NU5Z3	5.0	2.80	1.30
NU6A4	6.3	3.20	1.50
NU6A6	6.3	3.10	1.45
NU6A7	6.3	3.00	1.40
NU6B7	6.3	3.20	1.50
NU6C6	6.3	2.60	1.20
NU6D6	6.3	2.60	1.20
NU6F7	6.3	3.60	1.70
NU10	7.5	5.60	2.60
NU12A	5.0	2.20	1.00
NU12A5	12.6	4.80	2.20
NU12A7	12.6	5.00	2.30
NU12Z3	12.6	2.60	1.20
NU15	2.0	6.40	2.95
NU19	2.0	2.80	1.30
NU20	3.3	3.50	1.60
NU23	3.3	3.50	1.60
NU24A	2.5	2.60	1.20
NU25Z5	25.0	3.60	1.70
NU26	1.5	1.60	.75
NU27	2.5	1.70	.80
NU30	2.0	2.00	.90
NU31	2.0	2.00	.90
NU32	2.0	3.20	1.50
NU33	2.0	3.20	1.50
NU34	2.0	3.50	1.60
NU35-51	2.5	2.60	1.20
NU36	6.3	2.60	1.20
NU37	6.3	2.00	.95

Nos.	Filament Voltage		Each
NU38	6.3	$2.60	$1.20
NU39-44	6.3	2.80	1.30
NU41	6.3	2.60	1.20
NU42	6.3	2.80	1.30
NU43	25.0	2.90	1.35
NU45	2.5	1.80	.85
NU46	2.5	2.80	1.30
NU47	2.5	3.00	1.40
NU49	2.0	2.60	1.20
NU50	7.5	5.60	2.60
NU53	2.5	3.10	1.45
NU55	2.5	2.60	1.20
NU56	2.5	1.80	.85
NU57	2.5	2.60	1.20
NU58	2.5	2.60	1.20
NU59	2.5	3.60	1.70
NU64	6.3	6.20	2.90
NU65	6.3	6.20	2.90
NU67	6.3	4.00	1.90
NU68	6.3	6.20	2.90
NU71A	5.0	1.70	.80
NU75	6.3	2.80	1.20
NU76	6.3	2.20	1.00
NU77	6.3	2.80	1.30
NU78	6.3	2.80	1.30
NU79	6.3	3.00	1.40
NU80	5.0	1.70	.80
NU81	7.5	5.60	2.60
NU82	2.5	2.20	1.00
NU83	5.0	2.60	1.20
NU83V	5.0	2.60	1.20
NUG84-2Z-2	2.5	4.00	1.85
NUG84-6Z-4	6.3	3.00	1.40
NU85	6.3	2.60	1.20
NU89	6.3	2.80	1.30
NU99V	3.3	2.90	1.35
NU99X	3.3	2.40	1.10
NU483	5.0	3.80	1.75
NU485	5.0	3.40	1.55

One in a Box; Weight, 4 ozs.

NATIONAL UNION TUBE GUARANTEE

Note—National Union Tubes are Guaranteed for 6 months from Date Invoiced Against Defective Material and Workmanship; Any Tubes that Fail to Function Because of Such Defects Will be Replaced, Provided They are Returned Transportation Prepaid; **No Replacement Will Be Made on Tubes That Do Not Light,** as That Shows Physical Injury Because of Accident or Overload.

NATIONAL UNION RADIO TUBES

National Union Radio Tubes are Made by Experts in the Art of Tube Making. They are Rigidly Inspected from the Raw Material to the Finished Article, Thus Insuring Quality and Performance. Many of the Leading Radio Manufacturers Use National Union Tubes as Standard Equipment in their Radio Sets.

NATIONAL UNION TUBES FOR MAJESTIC RADIOS

These Tubes Especially Developed and Shielded for Use in Majestic Radios Only.

Nos.	Filament Voltage		Each
NU24S	2.5	$2.80	1 30
NU25	2.0	5.80	2.70
NU27S	2.5	1.70	80
NU35S/51S	2.5	3.00	1 40
NU55S	2 5	3 60	1 70
NU56S	2 5	2 80	1 30
NU57S	2 5	3 80	1 75
NU57AS	6.3	3 80	1 75
NU58S	2.5	3 80	1 75
NU58AS	6.3	3 80	1 75
NU85AS	6.3	3.60	1 70
NU2A7S	2.5	5.00	2 30
NU6A7S	6.3	5 00	2 30
NU6B7S	6.3	4 60	2.10
NU6C7	6.3	4.20	1 90
NU6D7	6.3	3.80	1 75
NU6E7	6.3	3.80	1.75
NU6F7S	6.3	4.20	1 90
NU6Y5	6.3	4.20	1.90
NU6Z5-12Z5	6.3—12.6	4.20	1 90

One in a Box; Weight, 4 ozs

CORRUGATED PLATE NOW USED ON No. NU80 NATIONAL UNION TUBE

The New National Union No. 80 is a Radically Different Tube Both in Design and Operation. The Corrugated Plates are Noticeable. It will Replace Any No. 80 in Any Set. It Combines the Acme of Desirability of Higher Drain with Longer Life.

There is Considerably Less Danger of the New National Union Corrugated Plate 80 Giving Way Because of Shorter Life or from Line Voltage Fluctuation. There is Less Chance for Burnt Out Power Packs, Hence a Safer Tube in the Radio Set.

To Give the Radio Serviceman a Comparison of Performance the New National Union Corrugated Plate 80 Will Give Equally as Long Life at 150 Milliampere Drain as the Old One at 125 Milliamperes.

INTERCHANGEABLE TUBE INFORMATION

National Union Tubes Can be Interchanged for Tube Types of Other Manufacturers as Follows:

In General, the Last Two Digits of a Three-Digit Receiving Tube Type Number are the Significant Type Designation. Thus, the NU27 is Interchangeable with the 227-327, Etc.

NU80 is Interchangeable with 280-380, Etc. In Case of a Suffix or Prefix Letters the Same Rule Applies, Thus NU71A Replaces 171A-271A-371A, Etc.

The Following List Contains Other Interchangeability Information:

Type No.	Interchangeable With	NATIONAL UNION Type No.
00-H		01A-01AA
01A-AX		00A
6Z3-AD-KR1		1V
95-PZH-KR25		2A5
LA-KR5		6A4
P-861-98-KR98		6Z4-84
14Z3-HZ50		12Z3
E		20
24-AC23		24A
DE1 & 58		27
(Where Self Biasing Used)		
851		32
850		33
(Possible Ballast Tube Change)		
51		35
36A		36
37A		37
38A		38
39		39/44

Type No.	Interchangeable With	NATIONAL UNION Type No.
PZ		47
SO2-585-586-450		50
35		51
27HM		56
(In Most Cases Without Circuit or Current Changes)		
482A-182A-71B		71A
D1-RE1-5Z3-13-13B		80†
16-16B-RE2-D½-81M		81
AF		82
90M-88-986-AG		83†
53		89
Ceco B		V99
Ceco BX		X99
183-183B		483
64-64A		36*
65-65A		39/44*
67-67A		37*
68-68A		38*

6Z5-12Z5-6.3 and 12.3 6-Prong Full Wave Rectifier not Interchangeable with Special 7-Prong 12Z5.

*In Automobile Sets Only.

†When Power Transformer will Stand Additional Filament Current.

VOLTAGE REGULATION TUBES

		Each
Used in Sentinel Battery Radios.		
No. 5E1	$3 00	3.00
No. 6-1	3.00	3.00

One in a Box; Weight, 4 ozs.

RADIO PILOT LIGHT BULBS

MAZDA

		Each
No. 40—6.3-Volt; 15-Amp	$0 10	0 09
No. 41—2.5-Volt; 50-Amp	.10	.09

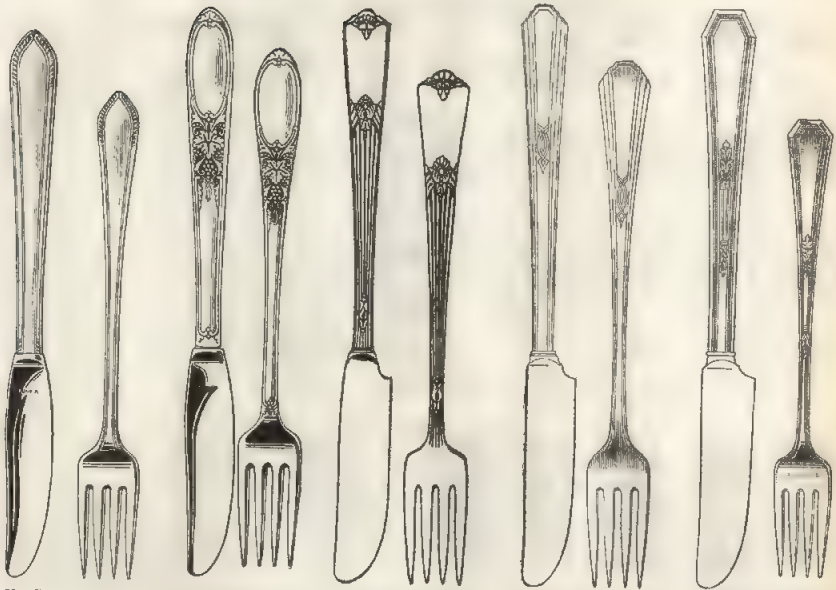
Ten Bulbs in a Box

		Each
No. 50—6.3-Volt; 20-Amp	$0 10	0.10
No. 13—3.3-Volt; 30-Amp	.10	.09

Ten Bulbs in a Box

ORIGINAL ROGERS SILVERPLATE.

VIANDE KNIVES AND FORKS.



No. C-75700 Georgic. No. C-71700 Burgundy. No. C-72700 Guild. No. C-74700 Paris. No. C-78700 Mayfair.

See Page 2424 for Prices.

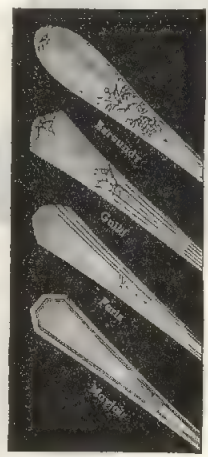
SILVERPLATE.

FREE PREVENT-TARNISH WOOD CHEST.

Supplied with 26, 34 and 50-Piece Sets at No Extra Cost.

Genuine walnut top; well constructed; lined with burgundy and beige Prevent-Tarnish plush.

Approved by GOOD HOUSEKEEPING INSTITUTE.



26 PIECES. Service for Six.

6 knives, 6 forks, 6 teas, 6 dessert spoons, 1 butter knife, 1 sugar spoon.

Georgic	Guild	Mayfair	Paris	Burgundy		Suggested Retail Per Set
	C-72744-9	C-73744-9	C-74744-9		M. H. dinner knives, plated blades	$14.50
C-75744	C-72744-4	C-73744-4	C-74744-4	C-71744-4	M. H. dinner knives, stainless blades	16.50
C-75744HV	C-72744HV	C-73744HV	C-74744HV	C-71744HV	H. H. Viande knives, stainless blades	21.50
C-75744HS	C-72744HS	C-73744HS	C-74744HS	C-71744HS	H. H. dinner knives, stainless blades	21.50

34 PIECES. Service for Eight.

8 knives, 8 forks, 8 teas, 8 dessert spoons, 1 butter knife, 1 sugar spoon.

	C-72744-34-9	C-73744-34-9	C-74744-34-9		M. H. dinner knives, plated blades	19.00
C-75744-34-4	C-72744-34-4	C-73744-34-4	C-74744-34-4	C-71744-34-4	M. H. dinner knives, stainless blades	21.50
C-75744-34HV	C-72744-34HV	C-73744-34HV	C-74744-34HV	C-71744-34HV	H. H. Viande knives, stainless blades	28.25
C-75744-34HS	C-72744-34HS	C-73744-34HS	C-74744-34HS	C-71744-34HS	H. H. dinner knives, stainless blades	28.25

50 PIECES. Service for Twelve.

12 knives, 12 forks, 12 teas, 12 dessert spoons, 1 butter knife, 1 sugar spoon.

	C-72744-50-9	C-73744-50-9	C-74744-50-9		M. H. dinner knives, plated blades	27.50
C-75744-50-4	C-72744-50-4	C-73744-50-4	C-74744-50-4	C-71744-50-4	M. H. dinner knives, stainless blades	31.50
C-75744-50HV	C-72744-50HV	C-73744-50HV	C-74744-50HV	C-71744-50HV	H. H. Viande knives, stainless blades	41.50
C-75744-50HS	C-72744-50HS	C-73744-50HS	C-74744-50HS	C-71744-50HS	H. H. dinner knives, stainless blades	41.50

All stainless blades are mirror finished.

CASES ONLY.

	Each
No. C-744—Prevent-Tarnish Wood Chests; empty; to hold 26, 34 or 50 pieces	$5.00

TUDOR PLATE

ONEIDA COMMUNITY MADE.

BRIGHT BUTLER FINISH.

June—C-24602. Barbara—C-54602. Skyline—C-33602. Madelon C-22602

TUDOR PLATE.

Styled by Community Designers, made by Community Craftsmen.

For the up-to-date merchant seeking a line priced lower than Community Plate. A quality product with beautiful patterns Backed by country wide national advertising.

For prices see page 2433.

TUDOR PLATE

OPEN STOCK.

SPOONS.

Madelon	June	Barbara	Skyline		Suggested Retail Per Dozen
C-22602	C-24602	C-54602	C-33602	Tea	$ 3.00
C-22603	C-24603	C-54603	C-33603	Dessert or Oval Soup	6.00
C-22605	C-24605	C-54605	C-33605	Table	6.00
	C-24604	C-54604	C-33604	Soup, round bowl	6.00
C-22618	C-24618			Cream Soup	6.00
		C-54622	C-33622	Bouillon	6 00
C-22601	C-24601	C-54601	C-33601	5 O'clock Tea or Sherbet	3.00
		C-54641	C-33641	Orange	5 00
C-22629	C-24629	C-54629	C-33629	Iced Tea	5 00

KNIFE AND FORK SETS, Hollow Handle, Stainless.

					Per Set
		C-54807		6 Grille Dinner Knives and 6 Grille Forks	$13 00
C-22572	C-24572	C-54572	C-33572	6 Grille Streamline Knives and 6 Grille Forks	10 00
	C-24598	C-54598		6 Dinner Knives and 6 Dinner Forks	13.00
C-22570	C-24570	C-54570	C-33570	6 Dinner Streamline Knives and 6 Dinner Forks	10.00
		C-54599		6 Dessert or Luncheon Knives and 6 Dessert Forks	13 00

KNIFE AND FORK SETS, Solid Embossed Handle, Stainless.

		C-54638		6 Grille Dinner Knives and 6 Grille Forks	7 50
C-22597	C-24597	C-54597	C-33597	6 Dinner Knives and 6 Dinner Forks	7 50

FORKS.

					Per Dozen
C-22630	C-24630	C-54630	C-33630	Grille, Dinner	$ 6.00
C-22607	C-24607	C-54607	C-33607	Dinner	6.00
		C-54606		Dessert or luncheon	6.00
C-22679	C-24679	C-54679	C-33679	Oyster or Cocktail	5.00
C-22688	C-24688	C-54688	C-33688	Salad	6.50

KNIVES.

C-22697	C-24697	C-54697	C-33697	Butter Spreaders	6.00

KNIVES, Hollow Handle, Stainless.

		C-54561		Grille, Dinner	20.00
C-22565	C-24565	C-54565	C-33565	Grille, Dinner, Streamline	14.00
	C-24664	C-54664		Dinner	20.00
C-22558	C-24558	C-54558	C-33558	Dinner, Streamline	14.00
		C-54626		Dessert or luncheon	20.00

KNIVES, Solid Embossed Handle, Stainless.

		C-54633		Grille, Dinner	9.00
C-22594	C-24594	C-54594	C-33594	Dinner	9.00

SERVING PIECES.

					Each
C-22620	C-24620	C-54620	C-33620	Berry or Serving Spoons	$1.50
C-22695	C-24695	C-54695	C-33695	Butter Knife	.50
C-22667	C-24667	C-54667	C-33667	Cold Meat or Serving Fork	1 00
C-22717	C-24717	C-54717	C-33717	Gravy Ladle	1 25
				Jam Spoons	.75
C-22484	C-24484	C-54484	C-33484	Jelly Server	.75
C-22646	C-24646	C-54646	C-33646	Pastry Server	2 00
		C-54690	C-33690	Pickle Fork, Long	75
		C-54715		Round Server	1 50
C-22650	C-24650	C-54650	C-33650	Sauce or Cream Ladle	1 00
				Sugar Spoon	.50
C-22729	C-24729	C-54729	C-33729	Butter Knife and Sugar Spoon Set	Per Set $1.00

CARVING SETS, Solid Handle. Stainless.

C-22728	C-24728	C-54728	C-33728	Bird or Steak Set, 2-piece, 5-inch blade	5.00

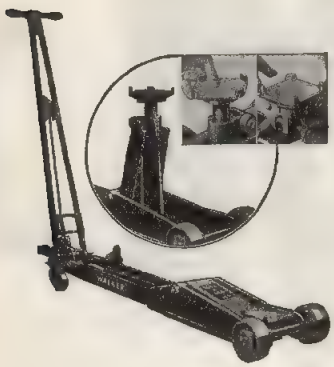
CHILD'S SETS AND PIECES.

					Each
	C-24619	C-54619		Baby Spoons, bent handle	$0.50
					Per Set
	C-24738	C-54738		Baby Sets, 2-piece, bent handle	$1.00
	C-24566	C-54566	C-33566	Baby Sets, 2-piece, flat handle	1 00
	C-24737	C-54737		Child's Sets, 3-piece, flat handle knife	1 50

GARAGE JACKS.

WALKER.

MECHANICAL ROLL-A-CAR.



The range of lift has been increased sufficiently to take care of all the new knee action cars and all other cars. It starts lower and raises higher. Ease and speed of lift have been maintained in this new model. Jack will go under all interfering points, such as splash aprons, beaver tails, running boards and bumpers, even with two tires flat. The frame at the rear is low enough that it may be swung around under a front or rear tire on any car when a lift has been made for dollying.

Frame length has been increased so the jack may be dollied around the ends of the new cars. The lifting cap is larger to receive wider axles between the prongs and prevent slippage. The cap is a drop forging.

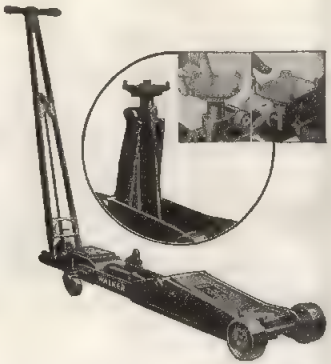
The bearing beneath the cap is enlarged to give a better support for the large cap. An entirely new type of cap extension with a bayonet lock is provided so that the lifting arm of the jack does not engage and bend splash aprons which are built down lower than the lifting point on many of the new cars.

Inset shows the simplicity of changing the height of the new bayonet type cap; lift it 1⅝ inches and turn and it locks.

Each

No. A2-745—Garage Jacks; capacity, 2½ tons; low point of cap, 3⅛ inches; full height, 20 inches; high point of frame, 6¾ inches; chassis length, 60¼ inches; over all length, 96¼ inches; front wheel size, 4½ inches; weight, 150 lbs $50.00

HYDRAULIC ROLL-A-CAR.



The range of lift has been increased sufficiently to take care of all the new knee action cars and all other cars. It starts lower and raises higher.

Frame height has been lowered so that the jack will go under all interfering points, such as splash aprons, beaver tails, running boards and bumpers, even with two tires flat. Due to the hydraulic construction, it was necessary to make the frame of this jack 2 inches higher at the rear than on the new mechanical type. Thus, it was also necessary to put a 2-inch greater power raise so that the rear of the frame would pass under a tire on any car when the jack was swung around after a lift had been made for dollying.

All the new features of design and construction, a longer frame, a larger lifting cap, a bigger cap bearing, the new extension cap feature, a longer handle, and greater strength in all vital parts.

Two hydraulic pumps are built into this jack. One is a speed pump which operates until the cap reaches the load. Then, this pump cuts out automatically and the load is raised on the power pump.

Cylinders are honed and polished to insure long life of the cup washers. A safety valve, which is set to open, well above the rated capacity of the jack, protects against damaging overloads. And all the old famous operating advantages have been retained, such as counter balancing of weight for easy positioning, two rigid handle positions for dollying and the many other features which have been the cause of the great popularity of Walker hydraulic Roll-A-Cars in the past

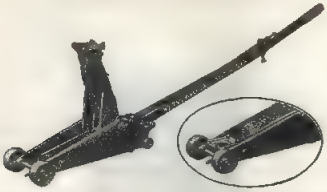
Each

No. A2-775—Garage Jacks; capacity, 3 tons; low point of cap, 3⅝ inches; full height, 22 inches; height point of frame, 6¾ inches; chassis length, 57½ inches; over all length, 96¾ inches; weight, 200 lbs. $70.00

GARAGE JACKS.

WALKER.

HYDRAULIC LIFT-A-CAR.



Will take care of all new knee action cars and all other cars. It requires 25% less effort on the handle to raise than any other similar jack designed to date.

Two hydraulic pumps raise the cap to the lifting point, then the speed pump cuts out automatically and the power pump raises the load. Highest point on frame, 6¾ inches. Frame length has been increased so the cap is farther away from the highest point of the frame. The lifting cap is larger. Down stop on handle to avoid hitting knuckles on ground. Equipped with safety valve to prevent overloading.

Each

No. A2-755—Garage Jacks; capacity, 2 tons; height of cap lowered, 3½ inches; height raised, 20¼ inches; length of body, 26 inches; length of handle, 51½ inches; size of front wheels, 4 inches; weight, 103 lbs. $40.00

MECHANICAL LIFT-A-CAR.

Same as above, except mechanical instead of hydraulic.

Each

No. A2-717 -Garage Jacks; 1½ ton capacity; length of body, 24 inches; over all length, 82½ inches; weight, 80 lbs $30.00

HYDRAULIC JACK OIL.

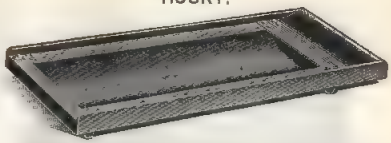
An oil made especially for hydraulic jacks.

Each

No. A-Walker Hydraulic Jack Oil—1 quart..... $1.10

AUTO CREEPERS.

HUSKY.



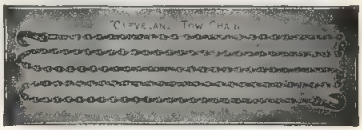
This creeper has built into it unusual strength because of the angle steel bracing. This type of bracing is used in the strongest types of scaffolds used for construction platforms, etc.

Creeper is hung low, having a floor clearance of ⅝-inch. Over all height, 2¾ inches. Platform of creeper is concaved from 2 inches above floor to ¾-inch from floor. On each side is a ¾-inch edge to hold tools. Casters are our regular stock number BB-5-5, size 1¼x⅝ inch; base plate size, 1¾x1 inch.

Each

No. A-295—Creepers; length,40 inches; width, 16⅝ inches; height over all, 2¾ inches; weight, 18 lbs.. ....$5.00

TOWING CHAINS.

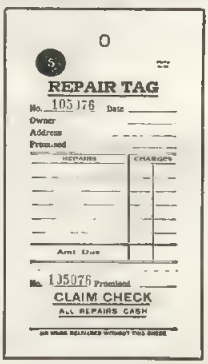


Each

No. A-2800—Towing Chains; for passenger car use; size, ¾ inch by 14 feet; coppered finish prevents rusting; weight, 11 lbs..... $2.00

No. A-2801—Towing Chains; for truck service; size, ⅝ inch by 16 feet; coppered finish; weight, 26½ lbs... 3.75

REPAIR TAGS.



Actual size of Tag, 6¾x3⅜ inches.

Tags for the repair shop printed, strung and numbered. Blank space left on tag and coupon where you can insert your firm name with rubber stamp.

Per Thousand

A-Repair Tags—In lots of 1,000..... $5.20

CROSS-CUT SAWS

E. C. ATKINS & CO.

Made of High Quality Electric Alloy Steel, Taper Ground and Evenly Tempered; Sharpened, Set, Polished and Etched.

VICTOR PERFECTION LANCE TOOTH, PERFORATED

Recommended to Those Who Prefer a Narrow Cross-Cut Saw

No. 224

Length, feet	5½
Gauge	14x18
Width at Center, inches	5½
Width at Ends, inches	3⅛
Weight Each, lbs	5¾
Each, Without Handles	**$9.00**

VICTOR PERFECTION LANCE TOOTH, PERFORATED

Designed for Cutting Yellow Pine and Hardwood, Also Popular Model for Bucking

No. 226

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	5¾	6
Width at Ends, inches	3¼	3¼
Weight Each, lbs	5	6
Each, Without Handles	**$8.00**	**9.70**

SIMONDS MFG. CO.

Made of High Grade Steel, Tempered and Highly Polished and Etched.

LANCE TOOTH, PERFORATED

Crescent Ground; Narrow Width Felling Blade; Four Cutting Teeth to One Raker Tooth.

No. 325

Length, feet	5	5½	6
Gauge	14x17	14x17	14x17
Width at Center, inches	4⅜	4⅜	4½
Weight Each, lbs	5	5½	6
Each, Without Handles	**$10.60**	**11.90**	**13.90**

LANCE TOOTH, PERFORATED

Taper Ground; Four Cutting Teeth to One Raker Tooth.

No. 202

Length, feet	5½	6
Gauge	15x20	14x19
Width at Center, inches	5¾	6
Weight Each, lbs	5½	6
Each, Without Handles	**$9.90**	**9.80**

CROSS-CUT SAWS

SIMONDS MFG. CO.

Made of High Grade Steel; Oil Tempered, Hand Filed and Set and Highly Polished and Etched.

FELLING PATTERN; LANCE TOOTH, PERFORATED

Crescent Ground; Narrow Width Blade; Four Cutting Teeth to One Raker Tooth.

No. 133

Length, feet	5½	6	6½
Gauge	14x20	14x19	14x19
Width at Center, inches	5⅛	5¾	6
Weight Each, lbs	5½	6	7
Each, Without Handles	**$11.90**	**13.90**	**16.00**

COTTONWOOD PATTERN; LANCE TOOTH, PERFORATED

Crescent Ground; Slightly Narrower than Regular Width Blade; Four Cutting Teeth to One Raker Tooth.

No. 324

Length, feet	5½	6	6½	7
Gauge	14x20	14x19	14x19	14x19
Width at Center, inches	5¾	5⅞	6¼	6⅝
Weight Each, lbs	5½	6	7	8
Each, Without Handles	**$11.90**	**13.90**	**16.00**	**18.10**

CANADA PATTERN; LANCE TOOTH, PERFORATED

Crescent Ground; Four Cutting Teeth to One Raker Tooth

No. 22

Length, feet	5½	6	6½
Gauge	14x20	14x20	14x20
Width at Center, inches	6⅝	7	7⅛
Weight Each, lbs	5½	7¼	7½
Each, Without Handles	**$11 90**	**13.90**	**16.00**

TUTTLE TOOTH

Crescent Ground; Two Cutting Teeth to One Raker Tooth

No. 13

Length, feet	5½	6
Gauge	14x20	14x20
Width at Center inches	6⅝	7
Weight Each, lbs	6	7½
Each, Without Handles	**$11.90**	**13 90**

All Above, Wood Stripped on Cutting Edge

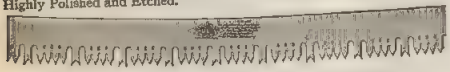
NARROW CROSS-CUT SAWS

Designed for Felling Cedar and Other Small Timber; Also Used by Farmers, Tie Makers, etc.

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

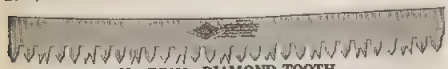
Made of High Grade Saw Steel Which Will File and Set Without Much Time or Energy, Yet is Hard Enough to Prevent Buckling or Dulling the Teeth; They are Carefully Tempered in Oil, Giving Them That Combination That Produces a Quality That Makes for Long Lasting Edge and Set; They are Carefully Ground, Hand Filed and Set; Highly Polished and Etched.



No. DE408—LANCE TOOTH, PERFORATED

3¼ inches Wide; Four Cutting Teeth to One Raker Tooth

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4	4¼
Each, Without Handles	$4.10	4.40	4.70



No. DE406—DIAMOND TOOTH

3¼ inches Wide; Two Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4¼	5
Each, Without Handles	$3.80	4.10	4.40

No. DE404—CHAMPION TOOTH

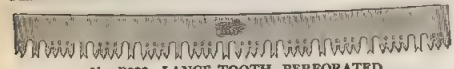
3¼ inches Wide; Two Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4	4¼
Each, Without Handles	$3.50	3.80	4.10

*SHAPLEIGH'S Bridge Tooth

REG. IN THE U. S. PAT. OFFICE

High Grade Steel, Oil Tempered, Hand Ground, Sharpened and Set Polished and Etched.



No. B208—LANCE TOOTH, PERFORATED

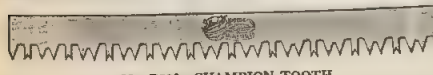
3¼ inches Wide; Four Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4	4½
Each, Without Handles	$3.90	4.50	4.60

No. B206—DIAMOND TOOTH

3¼ inches Wide; Two Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4	4¼
Each, Without Handles	$3.60	3.90	4.50



No. B204—CHAMPION TOOTH

3¼ inches Wide; Two Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3¼	4	4¼
Each, Without Handles	$3.30	3.60	3.90

Each Saw Blade Individually Paper-Wrapped, with Wood Strip on Tooth Edge the Full Length.

NARROW CROSS-CUT SAWS

Designed for Felling Cedar and Other Small Timber; Also Used by Farmers, Tie Makers, etc.

HENRY DISSTON & SONS

High Grade Steel Carefully Tempered, Ground, Sharpened and Set, Polished and Etched.

No. DTP214—TRIUMPH; PERFORATED LANCE, NARROW

3¾ inches Wide; 14 Gauge at Tooth Edge, 16 Gauge at Back Edge Four Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	14x16	14x16	14x16
Weight Each, lbs.	3¾	4	4⅝
Each, Without Handles	$5.80	6.30	6.90

Loose

No. 254—TRIUMPH; CHAMPION TOOTH

3¼ inches Wide; Two Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4	4½
Each, Without Handles	$4.10	4.50	4.90

Loose

E. C. ATKINS & CO.

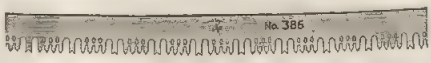
Polished and Etched, Extra Steel, Carefully Tempered. Ground Sharpened and Set.

No. 384—DIAMOND TOOTH

Special Steel; 3¼ inches Wide, Two Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4	4½
Each, Without Handles	$4.20	4.80	5.30

Loose



No. 386—VICTOR, PERFORATED LANCE TOOTH

Special Steel; 3¼ inches Wide; Four Cutting Teeth to One Raker Tooth.

Length, feet	5	5½	6
Gauge	15	15	15
Weight Each, lbs.	3½	4	4½
Each, Without Handles	$4.60	5.10	5.50

Loose

SIMONDS

Made of High Grade Steel; Tempered, Sharpened and Set; Polished and Etched.

No. 214—LANCE TOOTH, PERFORATED

3¼ inches Wide; Four Cutting Teeth to One Raker Tooth.

Length, feet	5½	6
Weight Each, lbs.	4	4½
Each, Without Handles	$5.70	6.30

Loose

GOLD MEDAL PENS
Unconditionally Guaranteed for Life

Medium size Gold Medal 7,000 word ink capacity
Professional size Gold Medal 14,000 word ink capacity
Vacuum Gold Medal 20,000 word ink capacity

Vein Gray Pearl
No. 134
Medium size No. 3 Pen Point
$5.00

No. 234
Professional size No. 4 Pen Point
$6.00

Vein Burgundy Pearl
No. 334
Medium size No. 3 Pen Point
$5.00

No. 434
Professional size No. 4 Pen Point
$6.00

Vein Pearl & Jet
No. 534
Medium size No. 3 Pen Point
$5.00

No. 634
Professional size No. 4 Pen Point
$6.00

Vein Gray Pearl Jeweled Design
No. 834
Medium size
$5.00

No. 934
Professional size
$6.00

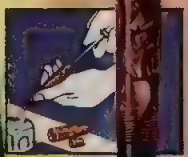
Pearl & Black Obsidine
No. 1034
Medium size No. 3 Pen Point
$5.00

No. 1134
Professional size No. 4 Pen Point
$6.00

Pearl & Black Obsidine
No. 1234
Medium size No. 3 Pen Point
$5.00

No. 1334
Professional size No. 4 Pen Point
$6.00

"GOLD MEDAL" pens and pencils are precision writing instruments made according to time-tested principles of fine construction. The pen points are made of 14K Solid Gold and tipped with the hardest known substance. Ground by experts which insures smooth easy writing indefinitely. A point graded to fine, medium and stub



FOR THOSE WHO PREFER A (SACLESS) VACUUM PEN

This New Vacuum Wonder Pen is simple to operate, perfect in performance. No. 5 pen point. Vein Burgundy Pearl.
No. 734.... ...$5.50

Note the striking exclusive designs.

GOLD MEDAL PENS MAKE IDEAL GIFTS

This is the "GOLD MEDAL" *Guarantee*

The owner of every "Gold Medal" pen is insured for life against all expense for repairs due to defective material or workmanship.

GOLD MEDAL PENS

No. 1434—Set $9.50
Comprising No. 134 Pen and Pencil to Match

No. 1534 -Set $9.50
Comprising No. 334 Pen and Pencil to Match

No. 1634—Set $9.50
Comprising No. 534 Pen and Pencil to Match

No. 1734 —Set $9.50
Comprising No. 834 Pen and Pencil to Match

No. 1834 —Set $9.50
Comprising No. 1034 Pen and Pencil to Match

No. 1934 -Set .....
Comprising No. 1234 Pen and Pencil to

These beautiful gift boxes FREE with any set on this page.

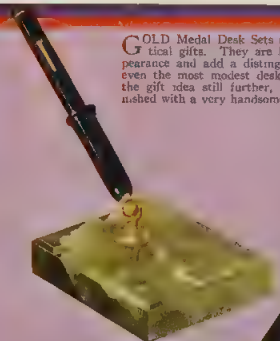
GOLD MEDAL PENS
Unconditionally Guaranteed For Life

GOLD Medal Desk Sets make very practical gifts. They are luxurious in appearance and add a distinguished touch to even the most modest desk. To carry out the gift idea still further, each set is furnished with a very handsome gift case.

PEDRARA ONYX BASE

The majestic figure of a lion surmounts this 4" x 6" Pedrara base. The pearl and black tapered Gold Medal pen has a Number 5 pen point. Dignified and impressive. This royal set will find favor among executives who demand the best.

No. 2834 ..... $18.50



GENUINE GREEN ONYX

The base is 3" x 4" in size, and the black tapered Gold Medal pen is equipped with a Number 5 point.

No. 2134 ..... $9.35

The base of this set is genuine imported Italian black and gold marble 6" x 4" in size. It has a jade and black tapered end Gold Medal pen with a Number 5 point.

No. 2234 ..... $7.00

For those who prefer a small but highly efficient desk set. Has genuine 3" square Pedrara Onyx base with jet black pen.

No. 2334 ..... $4.00

This is the "GOLD MEDAL" Guarantee

The owner of every "Gold Medal" pen is insured for life against all expense for repairs due to defective material or workmanship.

OF UNUSUAL DIGNITY

This double desk set has a base of genuine imported Italian black and gold marble 4 x [illegible] size. Equipped with a Gold Medal pen fitted with size 5 point. Also a specially designed Gold Medal pencil. This set will be right at home on the desk of any professional or business man.

No. 2434 ..... $29.00

Gold Medal Pen and Pencil Combination. Made in two beautiful iridescent pearl colors. A perfect writing instrument of highest quality.

No. 2734 Pearl and Black $5.50
No. 3234 Pearl and Green $5.50

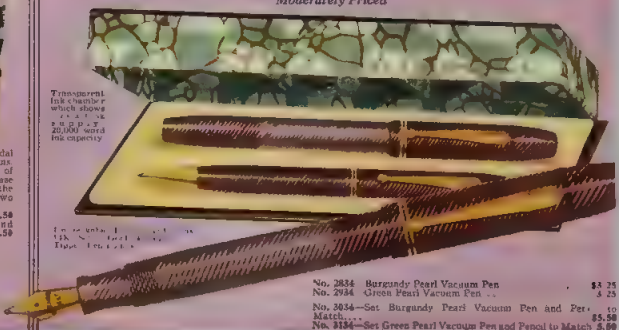
Ladies' Gold Medal Short Slender Pens. The graceful lines of these pens will please those who demand the ultra modern. Two beautiful colors.

No. 2534 Jade $3.50
No. 2634—Pearl and Black $3.50

SILVER MATE VACUUM PENS—PENCILS TO MATCH

A worthy companion for the famous Gold Medal pens and pencils.

Moderately Priced



Transparent ink chamber which shows [illegible] supply. 20,000 word ink capacity.

[illegible] Lever Filler. Uses Gold Medal Pen Points.

No. 2834 Burgundy Pearl Vacuum Pen $3.25
No. 2934 Green Pearl Vacuum Pen 3.25

No. 3034—Set Burgundy Pearl Vacuum Pen and Pencil to Match $5.50
No. 3134—Set Green Pearl Vacuum Pen and Pencil to Match 5.50

CROSS CUT SAWS
SIMONDS CRESCENT GROUND

No. 316—Perforated Lance Tooth, Cottonwood Pattern

Simonds steel, crescent ground, two cutting teeth to each raker, extra thin back.

Length, ft.	5½	6
Width at center, in	5⅜	5⅞
Width at ends, in.	3¼	3¼
Gauge on tooth edge	14	14
Gauge on back center	20	19
Weight each, lbs.	5⅛	5⅞
Each	$17.85	20.85

No. 22—Perforated Lance Tooth

Simonds steel, crescent ground, four cutters to each raker, regular back.

Each

No. 22—Length 6 ft., width at center 7 in., width at ends 3¼ in., 14 gauge on tooth edge, 20 gauge on back center; weight each 6⅝ lbs. $20.85

No. 324—Perforated Lance Tooth, Cottonwood Pattern

Simonds steel, crescent ground, four cutting teeth to each raker, extra thin back.

Length, ft.	5	5½	6	6½	7	7½
Width center, in.	5⅜	5¾	5⅞	6¼	6⅝	7
Width ends, in.	3¼	3¼	3¼	3¼	3¼	3¼
Ga. tooth edge	15	14	14	14	14	14
Ga back center	20	20	19	19	19	19
Wt. each, lbs.	3¾	5⅛	5⅝	6⅝	7⅝	8⅝
Each	$15.90	17.85	20.85	24.00	27.15	31.35

No. 513—Lance Tooth, Pacific Coast Felling Pattern

Simonds steel, crescent ground, four cutting teeth to each raker, extra thin back.

Length, ft.	8	9½
Width center, in.	5⅞	6
Width ends, in.	3⅝	3⅝
Ga. tooth edge	.096	.097
Ga. back center	.054	.054
Wt. each, lbs.	8¾	12
Each	$ Price on Application	

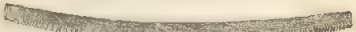
No. 133—Perforated Lance Tooth

Simonds steel, crescent ground, four cutting teeth to each raker, thin back.

Length, ft.	5½	6	6½
Width at center, in.	5½	5¾	6
Width at ends, in.	3⅜	3⅜	3⅜
Gauge on tooth edge	14	14	14
Ga. on back center	19	19	19
Weight each, lbs.	4¾	5½	6½
Each	$17.85	20.85	24.00

All above, open stock.

CROSS CUT SAWS
SIMONDS CRESCENT GROUND

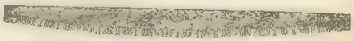


No. 325—Perforated Lance Tooth, Felling Pattern

Simonds steel, crescent ground, four cutting teeth to each raker, thin back.

Length, ft.	5	5½	6
Width at center, in.	4⅜	4⅝	4½
Width at ends, in.	3¼	3¼	3¼
Gauge on tooth edge	14	14	14
Gauge on back center	17	17	17
Weight each, lbs.	4	4⅝	5⅜
Each	$15.90	17.85	20.85

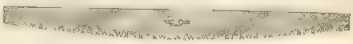
SIMONDS



No. 202—Perforated Lance Tooth

Special steel, carefully tempered and ground, four cutting teeth to each raker, 5 gauge taper.

Length, ft.	5	5½	6	6½
Width at center, in.	5⅝	5¾	5⅞	6¼
Width at ends, in.	3¼	3¼	3¼	3¼
Gauge on tooth edge	15	15	14	14
Gauge on back center	20	20	19	19
Weight each, lbs.	3¾	4¾	6⅛	7
Each	$12.80	13.50	14.70	15.75

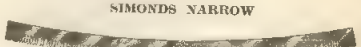


No. 200—Champion Tooth

Special steel, carefully tempered and ground, two cutting teeth to each raker, 5 gauge taper.

Length, ft.	5½	6	6½
Width at center, in.	5¾	5⅞	6¼
Width at ends, in.	3¼	3¼	3¼
Gauge on tooth edge	15	14	14
Gauge on back center	20	19	19
Weight each, lbs.	4¾	6½	7
Each	$13.50	14.70	15.75

SIMONDS NARROW



No. 214—Perforated Lance Tooth

Special steel, carefully tempered and ground, four cutting teeth to each raker, not tapered.

Length, ft.	5	5½	6
Width at center, in.	3¾	3¾	3¾
Width at ends, in.	3¾	3¾	3¾
Gauge on tooth edge	16	15	15
Wt each, lbs.	3½	4½	4½
Each	$7.80	8.55	9.30

SIMONDS BAY STATE NARROW

No. 210—Champion Tooth

Special steel, carefully tempered and ground, two cutting teeth to each raker, not tapered.

Length, ft.	5	5½	6
Width at center, in.	3⅞	3⅞	3⅞
Width at ends, in.	3⅞	3⅞	3⅞
Gauge on tooth edge	15	14	14
Weight each, lbs.	3¾	4	4½
Each	$6.00	6.75	7.50

All above, open stock.

Simonds Crescent Ground Cross-Cut Saws are guaranteed to cut ten percent more timber same time and labor being used, than any other brand of saw made in the United States.

Every Simonds Crescent Ground Saw is tested and inspected against visible flaws in workmanship and material. Both steel and workmanship guaranteed

Any Simonds Crescent Ground Cross-Cut Saw that is found defective in any particular will be promptly and cheerfully replaced. However they are not guaranteed against improper use or mistreatment.

CROSS CUT SAWS

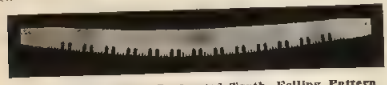
DE SOTO

Crucible steel, accurately gauged and ground, hand filed, individually inspected.

No. 33A—Half Wide, Perforated Tooth

Four cutting teeth to each raker. 14 gauge on tooth edge.

18 gauge on back.	5½	6	6½
Length, ft.	5⅝	5⅞	6
Width at center, in.	3¼	3¼	3¼
Width at ends, in.	6	6¼	7
Weight each, lbs.	8.25	9.00	9.75
Each			



No. 33B—Half Wide, Perforated Tooth, Felling Pattern

Four cutting teeth to each raker 14 gauge on tooth edge.

18 gauge on back	5½	6
Length, ft.	5½	5¾
Width at center, in	3	3
Width at ends, in.	5½	6
Weight each, lbs	8.25	9.00
Each		

No. 2—Wide, Champion Tooth

Two cutting teeth to each raker. 14 gauge on tooth edge

16 gauge on back	5½	6
Length, ft.	6⅝	6½
Width at center, in.	3	3
Width at ends, in	6	6½
Weight each, lbs	7.05	7 80
Each		

No. 99—Narrow Perforated Tooth

Four cutting teeth to each raker. 14 gauge, not tapered.

Length, ft.	5	5½	6
Width, in.	3⅜	3⅜	3⅜
Weight each, lbs.	3⅜	4⅝	5¼
Each	4.50	5.10	5 70

No. 77—Narrow Champion Tooth

Two cutting teeth to each raker 14 gauge, not tapered

Length, ft.	5½	6
Width, in.	3⅛	3½
Weight each, lbs.	4¼	4⅝
Each	4.05	4.50

DE SOTO, ONE MAN

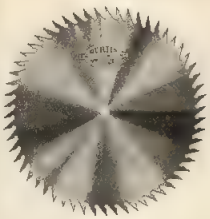
No. 2—Champion Tooth

Crucible steel, accurately gauged and ground, hand filed, individually inspected. Two cutting teeth to each raker. Straight back, with "D" and supplementary handles.

Length, ft.	3½	4	4½	5
Width at butt, in	6⅝	7	7⅞	7⅞
Width at point, in	2⅝	2⅝	2⅝	2⅝
Weight each, lbs	4½	5½	6½	7¼
Each	5.40	6.00	6.60	7.50

All above, open stock.

CORD-WOOD SAWS



CURTIS GUARANTEED

Sharpened, Ready for Use

High grade crucible steel, tempered, ground, hammered and polished.

Used for cutting stove or cord-wood. They are sharpened and set for this class of work and are not intended for mill work.

Rip saws are not furnished in this grade.

Diameter, in.	Gauge No.	Hole, in.	Speed per Min.	No. Teeth	Weight not crated, lbs.	Weight crated, lbs.	Factory Std. List Price Each
18	13	1⅝	2000	48	5	8	$12.50
20	13	1⅝	1800	52	8	10	15.00
22	12	1¼	1636	56	11	14	17.50
24	11	1⅝	1500	60	14	18	20 50
26	11	1⅝	1384	64	16	20	24 00
28	10	1⅝	1285	70	20	25	28 00
30	10	1⅝	1200	76	25	30	32 00
32	10	1⅝	1120	80	30	34	36.50
34	9	1⅝	1050	80	36	43	41.00
36	9	1⅝	1000	80	40	47	47.00

One in a crate.

INSERTED TEETH AND HOLDERS

(SAW BITS AND SHANKS)

SIMONDS

Inserted Teeth or Bits

Hardened and tempered high grade special alloy steel. The sharp, tough cutting teeth result in a saving of power and increase speed

No. 2½

No. 3

No. 2½ Slim Pattern—For fine tooth saws Plenty of throat room to handle saw dust. Fast and smooth-cutting

No. 3 Regular Pattern—For general use. Like No. 2½ has bit and shank on same circle. For hard or soft woods

No. B—For Medium Tooth Saws

Nos.	2½	2¾	2½	3	3	3	B
Gauge, No	10	9	9	10	9	9	10
Points in	¼	⅜	⅛	¼	⅜	⅛	¼
Wt per 100 lbs	1⅜	1⅜	1⅜	1½	1⅜	1½	1⅜
Per 100	$16.50	16 50	16.50	16.50	16 50	16 50	16 50

100 in a box.

Holders or Shanks

Retains spring tension which holds teeth firm and tight Perfect fit. Open gullets. Interchangeable.

Nos.	2½H	2¾H	2½H	3H	3H	3H
Gauge	9	9	9	9	9	9
Oversize	Reg.	⅛	⅛	Reg.	⅛	⅛
Wt per 100, lbs	4¾	4½	4⅝	6¾	6¾	6¾
Each	$1 50	1 50	1.50	1 50	1 50	1.50

25 in a box.

OHLEN-BISHOF CHROMBITS

(Chromteeth)

Made of special analysis steel. A perfectly fitting joint is assured by the accuracy of the grooves or slots and the 'V' on the plate.

Nos.	OB-2	OB-3
Gauge, No	10	8
Points on kerf, in.	⅛	⅛
Wt per 100 lbs	2½	2½
Per 100	$14.85	14.85

100 in a box.

ELECTRIC FANS

POLAR CUB

Induction Type Motor; Non-Radio Interfering; Cast Base; Fan Tips Backward and Forward; Arabian Sand Finish, Electrically Baked; 4 Blades Bright Finished; Strong Electrically Welded, Cadmium Plated Double Ring Guard.

Induction Motor; 110 Volts, 60 Cycles Alternating Current; Non-Radio Interfering

8-inch; Non-Oscillating; One Speed No Switch

Each

No. A18—110 Volts, 60 Cycles; Induction Motor.....**$8.00**

Twelve in a Carton;
Weight per Carton, Packed, 53 lbs.

8-inch; Oscillator One Speed; No Switch

Each

No. A21—110 Volts, 60 Cycles; Induction Motor.....**$5 50**

Six in a Carton;
Weight per Carton, Packed, 32 lbs.

10-inch; Oscillator One Speed; Off and On Switch

Each

No. A23—110 Volts, 60 Cycles; Induction Motor.....**$9 50**

One in a Carton; Weight Packed, 8 lbs.

ELECTRIC FANS

GILBERT STANDARD

The Gilbert Standard Line of Fans are Colorful and Styled in a Modernistic Manner; The Quality is Unsurpassed and with the New Low Prices Make It Now Possible for Everyone to Own a High Quality, Low Priced, Gilbert Fan. Non-Radio Interfering.

Unique and Different is the Positive Worm and Segment Adjustment; A Distinct Departure from the Old Type Clamp Nut; it will Not Slip Nor Change the Angular Adjustment in Handling; Positive, Instantaneous Action, May be Adjusted Safely with Fan in Operation; Tips Fan Forward or Backward By Slight Touch.

Oscillating Movement, Equipped with Automatic Safety Release; May be Operated as a Non-Oscillating Fan.

Rugged Guards, Heavier in Weight for Added Rigidity and Protection; Drawn Steel Base. Standard Approved Parallel Cord and Plug Cap.

9-inch

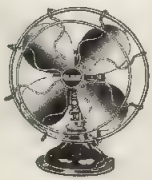
OSCILLATING

Velvet Black Finish, Electrically Baked, with Chromium Trim; Four Chromium Plated Blades; Off and On Switch in Base; Size, 9½ inches Wide, 11¼ inches High.

Each

No. A32—110 Volts, 60 Cycles; Alternating Current.....**$7.90** 5.95

Six in a Carton;
Weight per Carton, Packed, 32 lbs.



10-inch

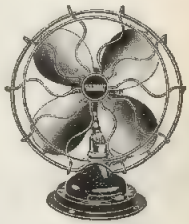
OSCILLATING

Velvet Black Finish, Electrically Baked, with Chromium Trim; Double Ring Guard; Four Chromium Plated Clover Leaf Blades; Off and On Switch in Base; Size, 10½ inches Wide, 12¾ inches High.

Each

No. A33—110 Volts, 60 Cycles; Alternating Current.....**$10 60** 7.95

One in a Carton; Weight Packed, 7½ lbs.



12-inch

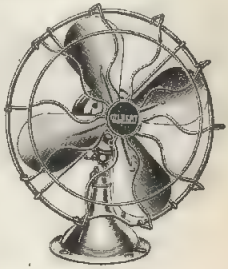
OSCILLATING

Velvet Black Finish, Electrically Baked, with Chromium Trim; Double Ring Guard; Four Chromium Plated Clover Leaf Blades; Four Pole Motor; Two Speeds and Stop Switch in Base; Size, 12⅝ inches Wide, 14¾ inches High.

Each

No. A34—110 Volts, 50 to 60 Cycles; Alternating Current.....**$16 00** 11.95

One in a Carton; Weight, Packed, 10 lbs.



16-inch

OSCILLATING

Velvet Black Finish, Electrically Baked, with Chromium Trim; Four Chromium Plated Blades; Cast Iron Base; Double Ring Guard; Two Speed and Stop Switch in Base; Size, 17½ inches Wide, 19¼ inches High.

Each

No. A37 110 Volts; 50 to 60 Cycles; Alternating Current.....**$26 00** 19.50

One in a Carton; Weight Packed, 24 lbs.

FULL CHROMIUM FINISH

Full Chromium Plated Base, Motor Shell, Guard and Blades; Two-Speed and Stop Switch in Base.

Each

No. A38—110 Volts; 50 to 60 Cycles; Alternating Current.....**$30 00** 22.50

One in a Carton; Weight Packed, 24 lbs.

ELECTRIC FANS

GILBERT ARISTOCRAT

1—Unit Construction; Heavy Ring Type Guard with Polished Monotype Octagonal Medallion for Rigidity; Eliminates Old Fashioned Wires in Guards. Base Supports Guard—Not Motor.

2—Floating Motor with 4 Point, Opposed Suspension for Minimum Vibration. Motor Suspended from Very Heavy Die Cast Ring Guard; Motor Not Mounted on Base.

3—Oscillating Suspension Ring with 60° Arc Swing, Journaled in the Base for Quiet Travel; Has Automatic Safety Release; Fan can be Operated as a Non-Oscillating Fan.

4—Instant Grip Tension and Low Swing Pivot for Instant Angular Adjustment of Fan.

5—Stream Lined, Elliptical Design; Cast Iron Base with Felt Protecion.

6—Finger Tip Speed Control for Ease of Operation.

7—Silent Induction Motor to Eliminate Radio Interference.

8—Modernistic Design, a Pleasing Departure from the Conventional.

9—Standard Approved Parallel Cord and Plug Cap.

Induction Motor; 110 Volts, 60 Cycle A. C. Only

10-inch; Oscillating

Black Wrinkle Finish, Electrically Baked; Chromium Plated Guard; Four Chromium Plated Clover Leaf Blades; Size, 10½ inches Wide, 12¾ inches High.

Two Speeds and Stop Switch; Vertical Trigger Type Speed Control for Ease in Operation.

110 Volts, 60 Cycles; Induction Motor; Alternating Current; Non-Radio Interfering.

	Each
No. A10—Weight Each, Packed, 13 lbs. $16.20	12.50

One in a Carton

12-inch; Oscillating

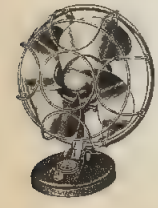
Black Wrinkle Finish, Electrically Baked; Chromium Plated Guard; Four Chromium Plated Clover Leaf Blades; Size, 12½ inches Wide, 14⅞ inches High.

Two Speeds and Stop Switch; Vertical Trigger Type Speed Control for Ease in Operation.

110 Volts, 60 Cycles; Induction Motor; Alternating Current; Non-Radio Interfering.

	Each
No. A12— Weight Each, Packed, 15 lbs. $19.50	15 00

One in a Carton



GILBERT AIR FLOW

10-Inch; Oscillating

Base, Motor and Motor Supports Black Wrinkle Finish, Electrically Baked; Deep Pitched Propeller Type, Chromium Plated Blades; Chromium Plated Guard; Size, 10½ inches Wide, 12¾ inches High

Floating Motor, Induction Type; Stream Lined, Elliptical Design Cast Iron Base with Felt Protection; Automatic Safety Release, may be Operated as a Non-Oscillating Fan; Two Speeds and Stop Switch, Vertical Trigger Type.

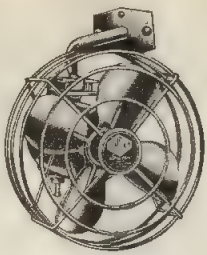
110 Volts, 60 Cycles; Induction Motor; Alternating Current; Non-Radio Interfering

	Each
No. A11—Weight Each, Packed, 13 lbs. $19 50	15 00

One in a Carton

AUTOMOBILE FANS

EUREKA



Now, Comes the Last Degree of Automobile Comfort, a Refreshing Breeze at Your Command, whether Driving or Parking; the Discomforts of Stifling Heat, of Still Parched Days, when the Beating Sun Makes of Today's Closed Cars Veritable Ovens; of Glaring City Streets, of Parking at Arid Country Clubs, at the Beach or Airport, the Discomforts of Hot Weather Driving Can Now be Ended with the Snap of a Switch which Brings a Gentle Breeze or a "30-Mile Gale" of Cooling, Refreshing Air, Where and as You Want it.

Here is a Thing the Motorists Have Been Waiting for, Controlled Ventilation whether Driving or Parking.

Adds to Safety of Winter Driving

This Fan Ends what is Probably the Greatest Hazard in Winter Driving, Steamed Windows and Windshield; it Assures Clear Glass on the Inside without Opening Windows, Adds Materially to Comfort by Obviating the Need of Dangerous Drafts or Loss of Heat, Permits Clear Vision and Warmth at the Same Time; Every Closed Car, Every Truck Cabin Needs One.

Easily Installed—Economical

These Fans Attach Anywhere with Two Small Screws; They are Suspended on a Universal (Ball and Socket) Joint which Permits Fixing in Any Position; They Run from the Regular Light Circuit and Draw Less Electricity than an Ordinary Parking Light; They are Equipped with a Switch; are Substantially Built and Beautifully Finished; are Guaranteed Against Faulty Material or Workmanship for One Year.

	Each
No. EAF6—6 Volt; Weight Each, 1½ lbs.	$7.70

One in a Carton

Quality Musical Instruments

Regulation size Hawaiian style ukulele finished in a rich shaded mahogany, ornamented with wreath in green around soundhole. Patent pegs, good quality gut strings. A splendid low priced instrument. Packed each in box.

No. 3A187. Each... **1.30**

Ukulele. A most appealing model in black enameled finish, highlighted in gold on front and back. Neat process white striped top edge and soundhole. Dart design in gold on fingerboard, white position markers. Patent pegs. Packed each in box.

No. 3A188. Each.... **1.65**

"Harmony" "Classmate" Ukulele. Especially designed for school, class, or group work. A tuning diagram is provided beneath the strings. Richly lacquered in maroon and shaded with ivory and edged with white; patent pegs. Packed each in box.

No. 3A180. Each.... **1.50**

Hawaiian Style Ukulele of selected figured mahogany, finished in brown with lustrous Pearlette fingerboard. The body is neatly trimmed around top edge and soundhole with an inlay of black and white stained celluloid, and bound with white celluloid. New style attractive ebonized bridge and painted friction pegs.

No. 3A28. Each.... **2.75**

Feature Value Low Priced Ukulele

A well made birch instrument, lined, with accurately fretted fingerboard. Shaded mahogany lacquer finish. Fitted with maple pegs. Especially designed to provide a low cost instrument for the beginner.

No. 3A200. Each..... **1.00**

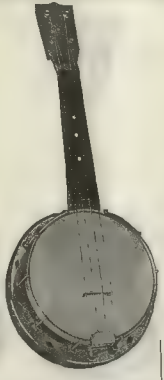
Harold Teen Ukulele. A highly ornamented ukulele decorated with the figures in colors of Harold Teen, his comic strip friends, and other ornamentations. A beginner's instruction sheet furnished with each ukulele. Packed each in box.

No. 3A29. Each..... **2.25**

Banjo Ukuleles and Guitars

Banjo Ukulele. Natural finish 7" shallow hardwood shell. Calfskin head. Maple pegs, good quality gut strings and nickel plated tailpiece.
No. 3A2.
Per dozen..... 15.00
Each 1.35

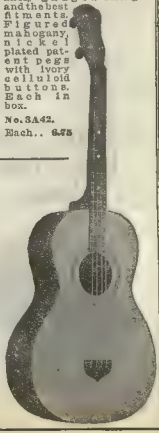
Walnut Finished Bracket Banjo Ukulele. Rim is 7" in diameter, of heavy segmented construction, fitted with 10 nickel plated hexagon brackets and hooks and deep nickel plated top hoop of beveled design. The neck is of hardwood accurately fretted and inlaid with three pearl position dots. Square dowel stick and adjustable neck brace. Patent friction pegs. Good quality calfskin head stretched over rustless tone ring. Stained in Walnut and finished in durable lacquer finish.
No. 3A22. Each..... 3.50



Walnut Finished Bracket Banjo Ukulele. Rim 7" in diameter, fitted with 10 nickel plated hexagon brackets and hooks. Fitted with swelled back extension resonator with nickel plated filler. Hardwood neck accurately fretted and inlaid with three pearl position dots. Square dowel stick, adjustable neck brace and patent friction pegs. Finished in durable lacquer finish. Packed each in box.
No. 3A28. Each..... 5.00

The Johnny Marvin Professional Tenor Ukulele. Flamed mahogany, a fret board of smooth rosewood, the new "Aero-Bridge," a perfection of hand-rubbed and polished finish, finely gauged strings and the best fitments. Figured mahogany, nickel plated patent pegs with ivory celluloid buttons. Each in box.
No. 3A42.
Each.. 6.75

Mahogany Tenor Guitar. Professional style tenor guitar, with full standard size guitar body and 23" scale. Body is of high grade mahogany, in a pleasing brown egg-shell lacquer finish. Raised guard plats of black celluloid. Well designed neck of hardwood. Bone nut. Specially designed ebonized bridge with bone saddle and pearl eye bridge pins. Packed each in carton.
No. 3A4. Each..... 5.75



Tenor Guitar that offers exceptional value. Cleanly and substantially constructed of birch. Finished in a pleasing mahogany stain on back and sides, with natural finish top. Neck is of hardwood finished to match body, and has ebonized fingerboard accurately fretted. Specially designed ebonized bridge with wire saddle and ebonized pins. Patent pegs. Carefully made and lacquer finished throughout. Packed each in box.
No. 3A109. Each... 3.75

INGERSOLL SPECIALTY WATCHES

INGERSOLL THREE PIGS POCKET WATCH AND FOB
The wolf's evil eye is winking. The 3 Little Pigs are right there on the red dial. It's a great watch and you ought to sell a pile of 'em! The back makes the watch a good luck token because it has a personal message from Walt Disney: "May the big bad wolf never come to your door"... But loads of customers will come into your door if you display the watch in your window. $1.50 retail. $2.20 list.

INGERSOLL MICKEY MOUSE WRIST WATCH—with Mickey's hands telling the time. A million have already been sold —more millions will be. Leather band or metal Mickey Mouse strap. $2.95 retail. $4.30 list.

No. 550	Leather Strap
No. 551	Metal Band

INGERSOLL MICKEY MOUSE POCKET WATCH AND FOB—complete in a colorful gift box. Mickey's own hands point the time, getting into comical positions doing so. It's the watch sensation of the decade and a wonderful value at $1.50 retail. $2.20 list.

OFFICIAL BOY SCOUT WATCHES

Boy Scout Pocket Watch, sleek and slim, and with the same dial features as the wrist watch. Truly a fine watch and one that every boy will want. At $2 retail, fine value; $2.90 list.

BOY SCOUT WRIST WATCH
This is the only watch animating the Scout Law. The hands are Scout sign-posts and in turn point to each of the twelve Scout Laws which are above the numerals. The wrist watch is in a special gift box. $3.50 retail. $5.00 list.

No. 600	Leather Strap

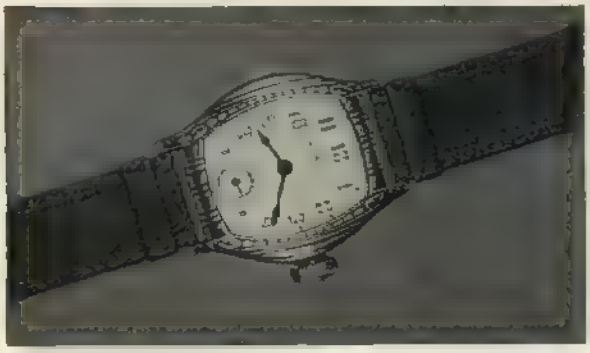
With luminous hands and numerals. $4.00 retail. $5.70 list.

No. 700	Leather Strap

INGERSOLL POCKET AND WRIST WATCHES

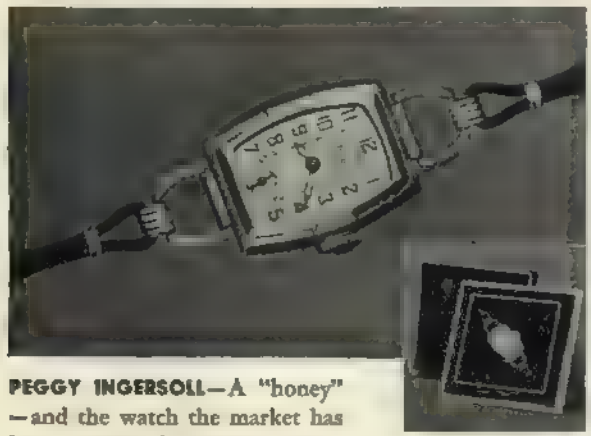
NEW CHEVRON—sleek, satin-finish case (chromium plate). Beautiful stream-line design. Metal band or leather strap. Every bit a distinguished watch. $2.95 retail. $4.30 list.

No. 100	Leather Strap
No. 150	Metal Band



TUXEDO—The country's most popular wrist watch. Chromium-finish case with relief design. Metal band or leather strap. Beautiful dial. $2.95 retail. $4.30 list.

No. 200	Leather Strap
No. 250	Metal Band

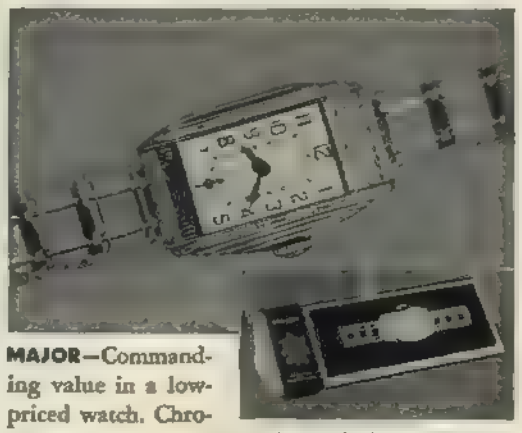


PEGGY INGERSOLL—A "honey"—and the watch the market has been waiting for. Small. Smart. For sportswear, nurses . . . for any girl or woman who wants an inexpensive watch. Metal band or black silk cord. Beautiful display case. $5.00 retail. $7.10 list.

No. [illegible]	Silk Cord
No. [illegible]	Metal Band

YANKEE—America's most famous watch. Smallest, thinnest and smartest in the $1.50 price class. Packed in display cartons of 6 watches. $2.20 list.

EQUINOX—"The Ingersoll Watch that made the dollar famous". Has a second-hand. Handsome dial, trim case. $1.60 list.

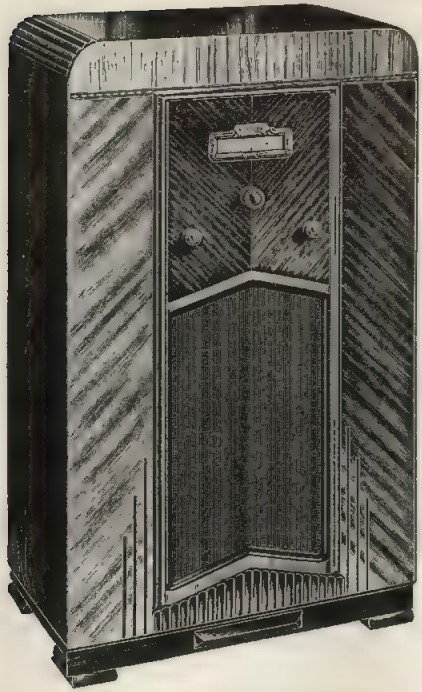


MAJOR—Commanding value in a low-priced watch. Chromium-finish case. Beautiful gift box. Link or leather band. $5.00 retail. $7.10 list.

No. [illegible]	Leather Strap
No. [illegible]	Metal Band

KINGSTON ELECTRIC RADIOS

Made and Guaranteed by Kingston Radio Co., Inc.



110 Volt—60 Cycle Alternating Current

A six tube superheterodyne receiver which gives nine tube performance—made possible by the use of "dual purpose" tubes. Employs five frequency amplifier stage. Six tuned circuits. Three gang condensers. Specially designed heavy duty eight inch dynamic speaker with moving coil. Switch and tone control combined. Automatic volume control. Continuous tone control.

The cabinet is in the moderne manner with overlays of American Walnut. Oriental and Zebra woods. Height, 37⅜ inches; width, 22¼ inches; depth, 12¼ inches.

Tubes Used—2 No. 78 and 1 each 6A7, 42, 75 and 80.

		Each
No. K600B—Complete with Tubes.....	**$75.00**	62.50

One in a Case; Weight, 50 lbs.

110 Volt—60 Cycle Alternating Current

A six tube superheterodyne receiver which gives nine tube performance—made possible by the use of "dual purpose" tubes. Employs five frequency amplifier stage. Six tuned circuits. Three gang condensers. Specially designed heavy duty 6¾ inch dynamic speaker with moving coil. Switch and tone control combined. Automatic volume control. Continuous tone control.

The modified moderne table cabinet is 16 inches high; 14⅞ inches wide and 8¼ inches deep.

Tubes Used—2 No. 78 and 1 each 6A7, 42, 75 and 80.

		Each
No. K600A—Complete with Tubes.....	**$47.95**	39.95

One in a Case; Weight, 22 lbs.

110 Volt—A. C. or D. C. Current; 60 Cycle

A five tube superheterodyne table model, dynamic speaker, vernier tuning. Volume control and switch combined. Dial calibrated in kilocycles. Heat-dissipating cord; requires no outside antenna. The cabinet is of compact design, made exceptionally attractive by overlays of straight-grained American walnut and imported Prima Vera. Height, 8 inches; width, 11⅝ inches; depth, 5¾ inches.

Tubes Used—2 No. 78 and 1 each 77, 38, 12z3.

		Each
No. K55—Complete with Tubes.....	**$35.95**	29.95

One in a Case; Weight, 10 lbs.

KINGSTON ELECTRIC RADIOS

Made and Guaranteed by Kingston Radio Co., Inc.

Tune Regular Broadcast (190-550 Meters) and Foreign Stations (18 to 50 Meters)

110 Volts—50 or 60 cycle Alternating Current

SEVEN TUBE—LONG AND SHORT WAVE

A superb seven tube superheterodyne receiver employing a high frequency amplifier stage. Seven tuned circuit. A three gang condenser with high frequency stage, being used on both bands. Nine tube performance. Automatic volume control. Continuous tone control. Chassis, tuning condenser and dial assembly are floated on rubber.

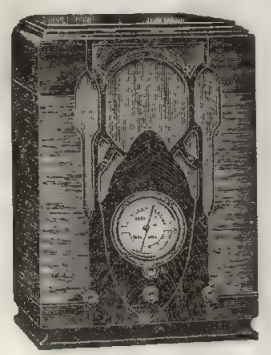
The illuminated tuning dial is Airplane type, full friction driven with a ratio 13-1 in 180 degree rotation. This arrangement enables distant and Foreign stations to be tuned exceptionally easy. The upper half of the dial is devoted to American and the lower to Foreign A special heavy duty 8-inch dynamic speaker with moving coil is employed. The encasement is a beautiful console cabinet. Its design is enhanced by an unusual arrangement of overlays. Height, 36¾ inches; width, 21¾ inches; depth, 11¾ inches.

Tubes Used—3 No. 6D6, and 1 each 75, 76, 42 and 80.

Each

No. K700B—Complete with Tubes **$95.40** 79.50

One in a case; Weight, 55 lbs.



SEVEN TUBE—LONG AND SHORT WAVE

A superb seven tube superheterodyne receiver employing a high frequency amplifier stage. Seven tuned circuit. A three gang condenser with high frequency stage being used on both bands. Nine tube performance. Automatic volume control. Continuous tone control. Chassis, tuning condenser and dial assembly are floated on rubber.

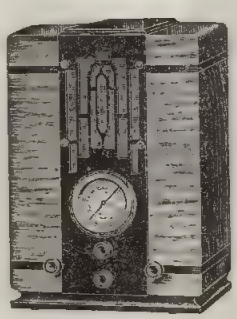
The illuminated tuning dial is Airplane type, full friction driven with a ratio 13-1 in 180 degree rotation. This arrangement enables distant and Foreign stations to be tuned exceptionally easy. The upper half of the dial is devoted to American and the lower to Foreign. A special heavy duty 8-inch dynamic speaker with moving coil is employed. The table type cabinet is restrained moderne design and has a hand rubbed finish. It is 19¾ inches high, 14 inches wide, 8¾ inches deep.

Tubes Used—3 No. 6D6, and 1 each 75, 76, 42 and 80.

Each

No. K700A—Complete with Tubes **$77.40** 64.50

One in a case; Weight, 27 lbs.



FIVE TUBE—LONG AND SHORT WAVE

A five tube AC superheterodyne receiver. Six tuned circuit. Chassis, tuning condenser and dial assembly are all "floated" on rubber, assuring absolute freedom from microphonics. An automatic volume control and selective tone adjustment are employed.

Illuminated tuning dial is Airplane type. Speaker is specially designed 6½-inch moving coil dynamic which permits unusual clear and distinct reproduction.

The cabinet is of modernistic design using mahogany overlays and is hand rubbed. It is 16 inches high, 11½ inches wide and 8¼ inches deep.

Tubes Used: 1 each 6A7, 6D6, 75, 42, 80

Each

No. K500A—Complete with Tubes **$57.00** 47.50

One in a case; Weight, 21 lbs.

MOSSBERG WRENCHES

SOCKETS

Mossberg Chrome Alloy

Extra Thin Wall

Long Taper, Extremely Thin Wall Sockets of the Toughest, Finest Steel Available. Each Held to the Exacting Standards of Manufacture That Characterize the Finest of Precision Tools, Accurately Made, Accurately Fitted, Wide in Range of Sizes. Thin, Slender, Strong, Beyond Comparison. A New Standard of Socket Design, Reaching the Ideal of All Master Mechanics. These Amazingly Thin Walled Sockets Will Twist the Head of the Finest Steel Cap Screw Without Damage to the Socket.

Hexagon Sizes

Nos.	Socket Size	U. S. S. Nuts and Bolts	U. S. Std. Hex. Hed. Cap Screws	S. A. E. Std. Nuts and Cap Screws	Machine Bolts	Hex. Head Coach Screws	Each
M914	7/16		1/4	1/4			$0.70
M916	1/2	1/4	5/16	5/16			.45
M918	9/16		3/8	3/8	3/8	3/8	
M919	5/8	5/16					
M920	3/4		7/16	7/16			
M922	11/16	3/8					$0.70
M924	13/16		1/2	3/8	1/2	1/2	.45
M925	15/16	7/16					$0.90
M926	1 1/16		9/16				.60
M928	1 1/8	1/2	5/8	7/16			
M930	1 1/4			1/2	5/8	5/8	
M931	1 5/16	9/16					
M932	1		3/4	11/16			

Square Sizes

Nos.	Socket Size	U. S. S. Nuts and Bolts	Square Head Screws	Square Head Set Screws	Square Head Coach Screws	Each
M914S	7/16		1/4	1/4		$0.70
M916S	1/2	1/4	5/16	5/16	3/8	.45
M918S	9/16		3/8	3/8		
M920S	5/8		7/16	7/16		

Average Weight Each, 3½ ozs.
Loose

SOCKET WRENCH HANDLES

MOSSBERG

REVERSIBLE RATCHET HANDLE

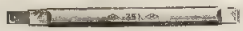
This is a Reversible All-Steel Ratchet Handle that Can be Reversed by Turning Small Set Nut by Simply Turning Wrench Over. A Simple and Practical Handle. Buffed Nickel Finish; Length, 10 inches.

	Each
No. M350—Weight Each, 1½ lbs.	$3.30 2.25

One in a Carton

SOCKET WRENCH PARTS

MOSSBERG



EXTENSION BARS

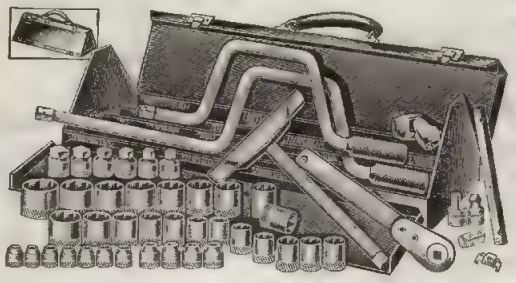
For Use with Ratchet Handle, Screw Driver Bit, Universal Joint, and All Sockets. Length, 9½ inches; Burnished Nickel Finish.

	Each
No. M351—Weight Each, ¾ lb.	$1.40 .90

Loose

WRENCH SETS

"V" TYPE HEAVY DUTY MECHANIC'S KIT WITH 46-PIECE SET



Special Analysis, Heat Treated and Hardened

Cadmium Plated, Udylite Process, Rust Proof

Any Mechanic or Other Person Who Appreciates Good Tools and a Convenient Way for Carrying Them Will be More Than Pleased with this Set. The "V" Type Tool Box is Properly Partitioned to Hold all Parts Listed Below in a Convenient Manner, and Various Other Tools Can Also be Placed on Top of Them for Carrying. This Case is Made of Heavy Gauge Steel, Electrically Welded and Trimmed with Brass Plated Fittings, Together with Leather Handle. All Sockets are Carefully and Accurately Machined from Special Analysis, Solid Bar Steel, Heat Treated, Tempered and Hardened. Sockets and Fittings are the Standard ½-inch Square Drive End Type and are Readily Interchangeable. With this Set there are Over 800 Combinations Possible. It Will Take Care of Practically any Job to be Done on Any Car or Other Piece of Machinery.

This Set Contains the Following Cadmium Plated Parts:

5/16 Hex. Socket	15/16 Hex. Socket	Short Speeder
11/16 Hex. Socket	11/16 Hex. Socket	Long Speeder
3/8 Hex. Socket	1 Hex. Socket	Ratchet Handle
7/16 Hex. Socket	1 1/16 Hex. Socket	Combination L-T
1/2 Hex. Socket	1 1/4 Hex. Socket	Short Extension
11/32 Hex. Socket	5/16 Square Socket	Long Extension
9/16 Hex. Socket	11/32 Square Socket	Universal
15/32 Hex. Socket	3/8 Square Socket	Screw Driver
5/8 Hex. Socket	7/16 Square Socket	Valve Grinder
17/32 Hex. Socket	1/2 Square Socket	5/16 Drain Plug Socket
11/16 Hex. Socket	9/16 Square Socket	3/8 Drain Plug Socket
23/32 Hex. Socket	5/8 Square Socket	7/16 Drain Plug Socket
3/4 Hex. Socket	11/16 Square Socket	1/2 Drain Plug Socket
25/32 Hex. Socket	7/8 Square Socket	9/16 Drain Plug Socket
13/16 Hex. Socket	1 Square Socket	5/8 Drain Plug Socket
7/8 Hex. Socket	1 1/8 Square Socket	3/4 Drain Plug Socket

	Per Set
No. 9450—"V" Type Mechanic's 46-Piece Set in Tool Box; Weight, 20 lbs.	$14.50

One in a Box

Fully Guaranteed—Any Socket or Part of this Set that Proves Unsatisfactory will be Replaced Without Charge.

MOSSBERG WRENCHES

THE MOSSBERG CHROME-ALLOY INTERCHANGEABLE UNIT LINE

Cadmium Plated Under Nickel — Rust Proof

These Are the Modern Tools of the Up-to-date Mechanic. Through Broad Knowledge of Servicing Requirements Mossberg Has Standardized on These Splendidly Designed Separable Units as the Utmost in Simplicity, Convenience and Quality.

With These Handles, Sockets and Accessories, Service Wrenches in Infinite Variety and Combination May be Quickly Had, in the Minimum Number of Units and Minimum Investment in Quality Tools.

Designed for Discriminating Master Mechanics Who Demand the Finest of Tool Equipment. These Tools in Combination Will Efficiently Service Every Repair Requirement of Every Automobile. They Are Unqualifiedly Guaranteed.

REVERSIBLE RATCHET HANDLE

No. 911 is the Reversible Ratchet Handle that is Responsible for the General Adoption of Interchangeable Sockets. Buffed Cadmium and Nickel Finish; Length, 10 inches.

	Each
No. M911—Weight Each, 18 ozs...$3.00	2.65

Six in a Carton

HAMMERHEAD OFFSET HANDLE

Perfectly Balanced; Best Used for Tapping in Cotters. An Assortment of Sockets and This Handle Will Give You All the Desired Openings in Offset Wrenches; Length, 9½ inches.

	Each
No. M903—Weight Each, 1¼ lbs..$2.50	1.65

Six in a Carton

SLIDING TEE HANDLE

No. 902 Sliding "Tee" is Not Only an Interchangeable "Tee" Handle But Can be Used as an Offset Wrench; Length, 10 inches.

	Each
No. M902—Weight Each, 14 ozs. .$2.80	1.67

Six in a Carton

12-INCH "TEE" HANDLE

The Revolving Swivel Handle Makes for Speed in "Spinning Off" or "Running Down" Nuts Once the Nut is Loosened; Length, 12 inches; Width, 7½ inches.

	Each
No. M901—Weight Each, 1¼ lbs..$3.50	1.65

Six in a Carton

6-INCH "TEE" HANDLE

A Very Handy "Tee" Wrench for Socket Work in Tight Places; Length, 6 inches; Width, 7½ inches.

	Each
No. M906—Weight Each, 1 lb....$1.70	1.15

Six in a Carton

SHORT SPEED BRACE

An Ideal Wrench for the Busy Mechanic Who Must Turn Out the Best Work in the Shortest Possible Time; Length, 14 inches.

	Each
No. M907—Weight Each, 2 lbs....$2.60	1.70

Six in a Carton

LONG SPEED BRACE

A Popular Speeder Among Mechanics in Taking Down and Assembling Cars. Also a Needed Item for the Car Owner's Wants; Length, 19 inches.

	Each
No. M908—Weight Each, 2¼ lbs. $2.80	1.90

Six in a Carton

SHAPLEIGH'S POINTERS

When looking over Wreckers, Creepers, etc., don't forget Jacks, Wrenches, Pliers, Tool Boxes, Wheel Pullers. All of these are necessary equipment on the Service Truck.

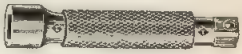
UNIVERSAL JOINT

The No. 904 Enables Adjustments to be Made in the Most Inaccessible Places and Actually Allows "Turning Around a Corner."

Fits: Handles, Sockets and Bars.

	Each
No. M904—Weight Each, ½ lb....$3.00	2.00

Six in a Carton

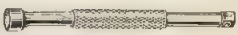


5-INCH EXTENSION BAR

No. 905 Five-inch Extension is One of the Most Used of the C. A. Line. Note the Knurled Grip—Revolves on Steel Balls, no Friction.

	Each
No. M905—Weight Each, 11 ozs..$2.00	1.35

Six in a Carton



10-INCH EXTENSION BAR

No. 910 Ten-inch Extension Bar, Like the 905, is Used so Frequently That Our Improved Type with the Revolving Knurled Grip Will be Much Appreciated.

	Each
No. M910—Weight Each, 1 lb....$3.20	1.50

Six in a Carton

CHEVROLET MAIN BEARING ADJUSTING WRENCH

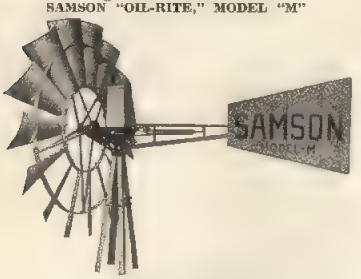
A Forged, Strong, Alloy Steel Wrench of Dual Purpose, One End Fitting Main Bearing Bolts, the Other, Connecting Rod Bolts; Both Sockets of the New Twin Hex Type.

	Each
No. M3014—Weight Each, 2 lbs...$3.80	1.85

Six in a Carton

Ⓕ WINDMILLS

SAMSON "OIL-RITE," MODEL "M"



With Plain Bearings

Automatic Oiling System—The main frame forms a reservoir that holds a sufficient amount of oil to lubricate the mill for one year. A sheet metal helmet completely encloses the reservoir. The oil is poured into the gear case, which submerges the lower part of the double gears, including the wrist pins when at the bottom of stroke.

Auxiliary Lubricating System—Positively furnishes lubrication to the mill if for any reason the pump should fail to function

Roller Type Cross Head—Operates with least friction possible, reducing wear to a minimum.

Turntable—Ball and socket type.

Governor—The governor is adjustable and can be set to perfectly regulate the speed in any wind velocity. Also acts with spring buffer between the wheel and vane, protecting the mill and tower from injury in violent storms.

Buffer—The buffer is supplied for the purpose to avoid breakage by sudden closing or throwing of the mill into gear.

Wheel Arms—Made up of a combination of angle and flat steel securely riveted together.

Double Gears—Double gears have sharp and clean cut teeth, always affording perfect meshing with the double pinions with which they engage. A cotter key holds the gear shaft in position.

Nos.	6M	8M	9M	10M
Size mill, ft.	6	8	9	10
Back geared	3½ to 1	3½ to 1	3½ to 1	3½ to 1
No of arms	4	5	5	6
No. of sections	4	5	5	6
Stroke, in.	6	6–8	6–8	8–10
No. of fans	12	15	15	18
Ship. wt. each, lbs.	375	350	380	525
Each	$85.00	105 00	117.50	162 50

Open stock.

MAXIMUM CAPACITIES OF SAMSON "OIL-RITE" WINDMILLS

Pumping Water Various Total Elevations

Samson "Oil-Rite" windmills run maximum number of strokes in about 20 mile winds

	6 Foot Maximum Stroke 6 in.		8 Foot Maximum Stroke 8 in.		9 Foot Maximum Stroke 8 in.		10 Foot Maximum Stroke 10 in.	
Total Elev. Feet	Dia. Cyl., In.	Gals. Per Hour	Dia. Cyl., In.	Gals. Per Hour	Dia. Cyl., In.	Gals. Per Hour	Dia. Cyl., In.	Gals. Per Hour
20	3	400	4	1050	4½	1300	4½	1475
30	3	400	3½	800	4	950	4	1100
40	2½	275	3¼	775	3½	760	4	1100
50	2½	250	3	650	3	575	3	650
75	2	175	2½	400	2½	365	2½	450
100			2	275	2	235	2¼	375
125			2	250	1¾	180	2¼	350
150			1¾	300			1⅞	250
200							1¾	200

Ⓕ WINDMILLS

SAMSON "OIL-RITE," MODEL "S"

With Timken Roller Bearings

Automatic Oiling System The lubrication of the various parts is accomplished as follows—The oil is poured into the gear case, which submerges the lower part of the double gears, including the wrist pins when at the bottom of stroke. The rotation of the gears carries the oil up and floods the pinions, and the oil running down over the inside of the gears floods the gear shaft

Oil Pump—One of the outstanding features is the extreme simplicity, efficiency and practicability of the pump Keeps the top of the cross head that acts as a reservoir constantly filled with oil which lubricates the guide rods and upper pitman bearings

Governor—The governor is adjustable and can be set to perfectly regulate the speed in any wind velocity. Consists of a steel coiled spring, one end of which engages with the vane head and the other with the mill head. It not only performs the work of a perfect regulator for the mill, but acting with spring buffer between wheel and vane, protects the mill and tower from injury in violent storms

Timken Roller Bearings—Made of special steel to conform with the severe conditions under which they must sometimes operate. Carry the thrust load without thrust washers and will never need replacement, as they last as long as the mill, since they operate continuously in a bath of oil.

Turntable—Ball and socket type; the base which is bolted to the tower cap forms a socket and the self-aligning casting that oscillates in the base plate forms the ball. Between the machine surface and turntable is a bronze ring serving as a lubricating washer. Turntable shroud prevents rain, snow and sleet from entering the turntable.

Double Gears—Have sharp, clean cut teeth which always afford perfect meshing with the double pinions with which they engage. So mounted as to remain in perfect alignment, requiring no adjustment even after years of service.

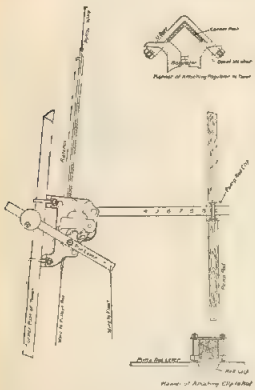
Nos.	6S	8S	9S	10S
Size mill, ft.	6	8	9	10
Back geared	3 8/10 to 1	3½ to 1	3½ to 1	3½ to 1
No. of arms	4	5	5	6
No. of sections	4	5	5	6
Stroke, in.	6	6–8	6–8	8–10
No. of fans	12	15	15	18
Shipping wt. ea., lbs.	335	450	475	625
Each	$117.50	142.50	155.00	205.00

Open stock

NOTE—Goods Marked Ⓕ Not Carried in Stock but Shipped Direct From Factory.

Ⓕ WINDMILL REGULATORS

STOVER



Automatic Ratchet Type

A simple device for use in connection with a windmill to regulate automatically or control the supply of water in the tank

When the tank is filled with water, it pulls the mill out of gear and stops the pump, preventing an overflow and unnecessary wear to both mill and pump.

When a few inches of water have been taken from the tank, it throws the mill in gear and allows it to run just long enough to refill the tank and no more.

It leaves nothing to chance; it never fails.

	Each
No. 1—For 8, 9 and 10 ft. mills; wt. each 35 lbs.	**$13.75**
No. 2—For 12, 14, 16 and 18 ft. mills; wt. each 65 lbs.	**20.00**

Open stock.

Ⓕ WINDMILL TOWERS

STOVER FOUR POST

Steel, Galvanized, Cable Braced

Steel towers are of the double girted type, with all parts thoroughly galvanized after punching. All nuts, bolts and washers are cadmium plated; anchor posts are long and anchor plates are of large area, hot galvanized throughout, and the climbing ladder is arranged in the side of the tower, easy to climb.

The cross girts and braces, especially the braces are the life of a windmill tower, and the braces on Stover towers being of twisted wire brace (cable) type, twisted from the center toward each end, give just enough under heavy strains and stresses, so that each and every brace holds like the roots and tendons upon a strong tree.

On towers braced by flat or round members, where bending and punching is done in order to secure correct length, unless such bending and punching is absolutely 100% accurate, very few of the braces help hold at one time, with the result that bolts or brace ends shear off and a wreck ensues.

Each diagonal brace is fitted with an individual tightener, and each brace is securely clamped to the cross girt where brace crosses same.

No. 2—Regular Spread, for 6 to 10 ft. Windmills

Height tower, ft..	18	24	36	42	48
Spread.....	4′	5′ 2″	7′ 7″	8′ 9″	9′ 11″
Wt. each, lbs.	305	380	570	675	780
Each	**$62.00**	**77.00**	**115.00**	**136.00**	**158.00**

Open stock.

Ⓕ WATER AND FEED TROUGHS

HARRY'S HALF ROUND

These are the best troughs on the market, both for feed and drinking. Being made of corrugated iron, they are very strong

The corrugations also serve to keep the feed from bunching in one end of the trough, and wasting. Being galvanized, they will not rust. They are much cleaner than wood troughs, and the danger of spreading disease is much less than when wood is used. The planter and livery-man will find them just the thing when molasses is used in the feed, as the stock cannot gnaw the troughs. The stands are made of galvanized angle-iron.

Will be shipped with stand unless otherwise specified.

Nos.	Capacity, Gallons	Width at Top, Inches	Depth, inches	Length, Ft. In.	Weight, Trough Only, lbs.	Weight, With Stand, lbs.	Trough Only		With Stand	
							Std. List Each	Price Each	Std. List Each	Price Each
27-22	22	22	11	2- 3	20	30	*$ 9.50*	Net prices on application.	*$19.00*	Net prices on application.
53-22	43	22	11	4- 5	30	45	*14.00*		*27.00*	
80-22	64	22	11	6- 8	40	60	*18.50*		*32.50*	
106-22	85	22	11	8-10	50	75	*23.00*		*40.00*	
27-31	48	31	15	2- 3	35	50	*16.00*		*26.00*	
53-31	85	31	15	4- 5	50	70	*22.50*		*32.50*	
80-31	127	31	15	6- 8	65	90	*29.00*		*42.50*	
106-31	170	31	15	8-10	80	110	*35.50*		*52.50*	
132-31	210	31	15	11- 0	95	135	*43.00*		*62.50*	
27-36	60	36	18	2- 3	40	60	*20.00*		*32.50*	
53-36	117	36	17	4- 5	60	85	*30.00*		*45.00*	
80-36	177	36	18	6- 8	80	110	*40.00*		*57.50*	
106-36	234	36	18	8-10	100	135	*50.00*		*72.00*	
132-36	294	36	18	11- 0	120	160	*60.00*		*82.50*	
27-45	95	45	22	2- 3	55	80	*25.00*		*45.00*	
53-45	180	45	22	4- 5	90	120	*37.50*		*62.50*	
80-45	275	45	22	6- 8	125	160	*50.00*		*80.00*	
106-45	370	45	22	8-10	160	205	*62.50*		*100.00*	
132-45	465	45	22	11- 0	195	245	*75.00*		*125.00*	

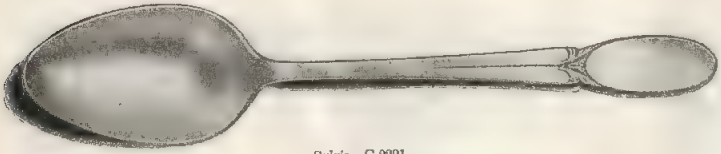
While we recommend our Corrugated Troughs, as they are stiffer and stronger, we can furnish the plain iron troughs at same prices if desired. Flanges for pipe connections and cleanouts furnished at $1.50, for each added to list prices.

NOTE—Goods Marked Ⓕ Not Carried in Stock but Shipped Direct From Factory.

1847 ROGERS BROS.

SILVERPLATE

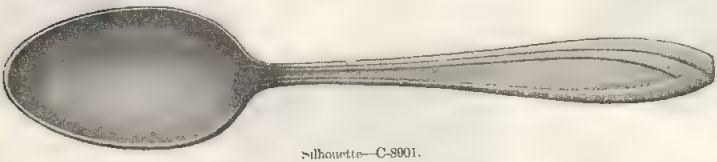
Used and Loved by Generations of Fastidious Hostesses.



Sylvia—C-9201.

Marquise—C-9101.

Her Majesty —C-9001



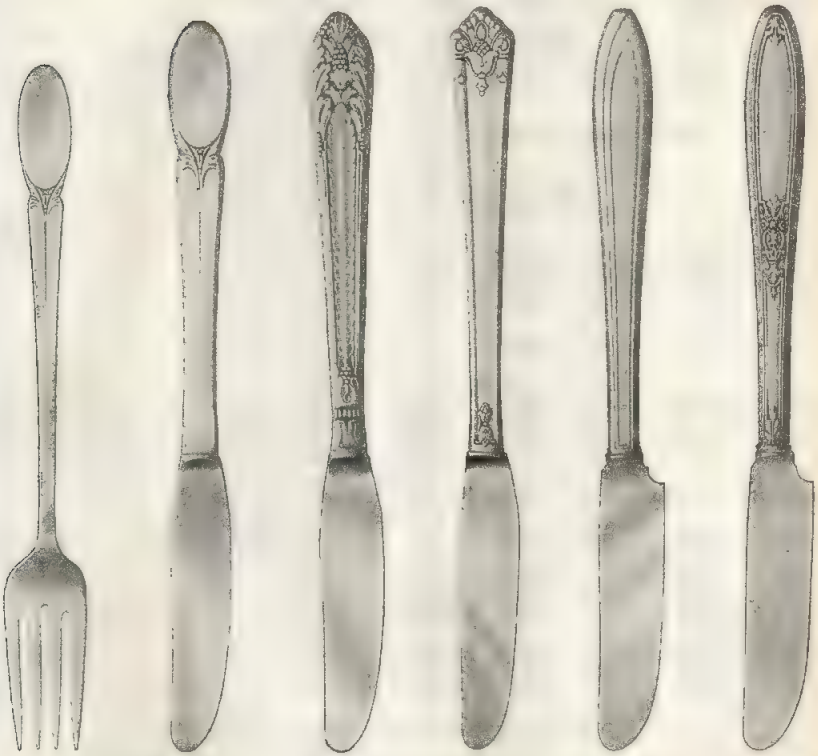
Silhouette—C-8901.

Ambassador—C-8401.

See Page 2418 for Prices.

SILVERPLATE.

Viande Knives and Forks. The very latest in Knife and Fork Sets.



Sylvia.
C-92421V

Marquise.
C-91421V

Her Majesty.
C-90421V

Silhouette.
C-89421V

Ambassador.
C-84421V

Above are 2/3 actual size.

See Page 2418 for Prices.

OPEN STOCK.

SPOONS.

Marquise	Her Majesty	Silhouette	Sylvia	Ambassador		Suggested Retail Per Dozen
C-9101	C-9001	C-8901	C-9201	C-8401	Tea	$ 7.50
C-9102	C-9002	C-8902	C-9202	C-8402	Dessert or Oval Soup	15 00
C-9103	C-9003	C-8903	C-9203	C-8403	Table	15 00
C-91008	C-90008	C-89008	C-92008	C-84008	After Dinner Coffee	6.50
C-91005	C-90005	C-89005	C-92005	C-84005	Bouillon	12 00
C-91006	C-90006	C-89006	C-92006	C-84006	Cream Soup	15 00
C-91010	C-90010	C-89010	C-92010	C-84010	Fruit Cocktail or 5 o'clock tea	7.50
C-91014	C-90014	C-89014	C-92014	C-84014	Grape Fruit or Orange	10 00
C-91012	C-90012	C-89012	C-92012	C-84012	Iced Tea	12 00

KNIFE AND FORK SETS, Hollow Handle, Stainless.

						Per Set
C-91421V	C-90421V	C-89421V	C-92421V	C-84421V	Viande Knives, mirror stainless blades and Viande Forks, dinner size	$20.25
C-91421M	C-90421M	C-89421M	C-92421M	C-84421M	Dinner Knives, mirror stainless blades and Regular Dinner Forks	20 25
				C-84421S	Dinner Knives, stainless blades and Regular Dinner Forks	17.50
C-91422M	C-90422M	C-89422M	C-92422M	C-84422M	Luncheon Knives, mirror stainless blades and Regular Luncheon Forks	20.25
				C-84422S	Luncheon Knives, stainless blades and Regular Luncheon Forks	17.50

KNIFE AND FORK SETS, Modeled Handle, Stainless.

C-91483M	C-90483M	C-89483M	C-92483M	C-84483M	Dinner Knives, mirror stainless blades and Regular Dinner Forks	16.25

FORKS.

						Per Dozen
C-9107V	C-9007V	C-8907V	C-9207V	C-8407V	Viande, dinner size	$15 00
C-9105	C-9005	C-8905	C-9205	C-8405	Dinner	15 00
C-9106	C-9006	C-8906	C-9206	C-8406	Dessert or Luncheon	15 00
C-91106	C-90106	C-89106	C-92106	C-84106	Oyster or Cocktail	10.00
C-91114	C-90114	C-89114	C-92114	C-84114	Viande Salad	13 00

KNIVES.

C-91209	C-90209	C-89209	C-92209	C-84209	Viande Butter Spreaders	12.00

KNIVES, Hollow Handle, Stainless.

C-91407V	C-90407V	C-89407V	C-92407V	C-84407V	Viande, dinner size, mirror stainless blades	25.50
C-91402M	C-90402M	C-89402M	C-92402M	C-84402M	Dinner, mirror stainless blades	25.50
				C-84402S	Dinner, stainless blades	22 00
C-91404M	C-90404M	C-89404M	C-92404M	C-84404M	Dessert or Luncheon, Mirror stainless blades	23.50
				C-84404S	Dessert or Luncheon, stainless blades	22.00

KNIVES, Modeled Handle, Stainless.

C-91472M	C-90472M	C-89472M	C-92472M	C-84472M	Dinner, mirror stainless blades	17.50

SERVING PIECES.

						Each
		C-89004			Berry Spoon, small	$2.00
C-91201	C-90201	C-89201	C-92201	C-84201	Butter Knife or Server	1.00
C-91103	C-90103	C-89103	C-92103	C-84103	Cold Meat Fork, large	2.25
		C-89104			Cold Meat Fork, small	2 00
C-91227	C-90227	C-89227	C-92227	C-84227	Gravy Ladle	2.25
C-91204	C-90204	C-89204	C-92204	C-84204	Jelly Server	1.75
C-91253	C-90253	C-89253	C-92253	C-84253	Long Server	3 50
C-91108	C-90108	C-89108	C-92108	C-84108	Pickle Fork	1 25
C-91254	C-90254	C-89254	C-92254	C-84254	Pie or Ice Cream Knife, mirror stainless blade	3 50
		C-89013			Relish Spoon	1.75
C-91252	C-90252	C-89252	C-92252	C-84252	Round Server	2.25
C-91226	C-90226	C-89226	C-92226	C-84226	Sauce Ladle, small	1 75
C-91019	C-90019	C-89019	C-92019	C-84019	Serving Spoon	2.25
C-91017	C-90017	C-89017	C-92017	C-84017	Sugar Spoon	1 00

CARVING SETS, Hollow Handles, Mirror Stainless Blades and Tines.

						Per Set
C-91436M	C-90436M	C-89436M	C-92436M	C-84436M	3-piece Large Carving Set, fork, steel and knife, 8-inch blade	15.00
C-91437M	C-90437M	C-89437M	C-92437M	C-84437M	2-piece Game Carving Set, fork and knife, 7-inch blade	8.00
C-91438M	C-90438M	C-89438M	C-92438M	C-84438M	3-piece Steak or Bird Set, fork, steel and knife, 6-inch blade	8.00
C-91439M	C-90439M	C-89439M	C-92439M	C-84439M	2-piece Steak or Bird Set, fork and knife, 6-inch blade	6.00

CHILD SETS AND PIECES.

						Each
C-91001	C-90001	C-89001	C-92001	C-84001	Baby Spoon, bent	$1.00
						Per Set
C-91304	C-90304	C-89304	C-92304	C-84304	Baby Spoon and Forks, short handles	$2 00
C-91353M	C-90353M	C-89353M	C-92353M	C-84353M	Hollow Handle Knife, mirror stainless; Fork and Spoon	3 50

The Round Table Room in Colleen Moore's Famous Doll House

Colleen Moore's Fairy-land Doll House Now on Exhibit at Macy's

Charities to Benefit by World Wide Showing of $450,000 Doll House

THE NEWSPAPERS of the country have recently been filled with accounts of the doll house that took a corps of artisans nine years to complete at a cost approximating a half million dollars. This doll house, often referred to as the world's most exquisite and costly toy, is owned by Miss Colleen Moore, famous motion picture actress; and will have its world premier at Macy's, in New York City, on Monday, April 8th.

The doll house will be opened to the public from April 8th to 21st. From all indications it is certain that thousands upon thousands of people will visit it during the period it is on display. An admission charge of ten cents will be made, and the proceeds will be donated to the United Hospital Fund of New York for distribution to fifty-five hospitals to aid their work with crippled children. Miss Moore's fabulous Fairy Castle will be installed on the fifth floor of the Broadway Building close by to the toy department.

Colleen Moore's doll house is a fairy castle of incomparable beauty. The first public showing is being made at Macy's, after which it is to be booked on a world tour for millions to see. Proceeds from exhibitions throughout the United States and abroad will be donated to hospitals for crippled children. By this means more than $1,000,000 will be realized from showings which will require a three year schedule of bookings in every large city in the United States and all foreign capitals.

Constructed of aluminum and copper with fantastic angles and sky-sweeping turrets and steeples, no semblance of architectural convention is found in this giant abode of little people. Resting on the summit of a rugged precipice, the castle, which is nine feet wide and nine feet long, rises fourteen feet into the air and weighs approximately 6,000 pounds. The house, excepting rivets, contains more than 200,000 individual pieces, being a mechanical marvel of unprecedented intricacy, yet practicability.

Equipped throughout with mechanical wonders in miniature the house boasts of a solid golden cathedral organ fifteen inches high, which plays through an elaborate electrical system via remote control. Miss Moore's famous Doll House also has the world's smallest electric light bulbs, each being the size of a grain of wheat and embedded in sockets with the circumference of pinheads, in a golden chandelier strung with glittering, pear-shaped diamonds. The Doll House, wired with an electrical system requiring months of labor and experimentation, is controlled with a series of transformers and switches for each room. All lighting, with the exception of floodlighting in the garden, is indirect, with more than 400 small-watt bulbs being utilized in the system.

Water tanks on turrets and in the dungeons of the castle feed live fountains in the kitchen, garden, and bathrooms. Operated by an electrically-run centrifugal pump, the tanks, on emptying, play beautiful chimes in the steeples every ten minutes automatically.

Operated by electricity, a magic, feathered nightingale perches on a lavender glass tree in the Garden of Aladdin and sings full-throated, joyful tunes.

The fairy castle is a house of activity. A little fairy princess, only inches high, reduced by diminishing glasses through an ancient illusion, dances in a garden grotto,

answers questions, sings and curtsies for her beholders Tropical guppies fill the garden fountain, where ivory horses drawing Cinderella's silver coach drink their fill

The Doll's House contains eleven rooms, Aladdin's magic garden and Noah's entrance hall. The furnishings throughout the house represent years of effort in collecting in every part of the world, are rigidly in scale of an inch to the foot, and probably are the most priceless in existence. The completion of the Doll's House marks the fulfillment of a childhood dream, and was made possible by her own large earnings as a film star. Miss Moore in explaining her hobby, has issued the following statement:

"Some people collect old masters and spend fortunes on Rembrandts and polo ponies and snuff boxes, while still others buy yachts and race horses. My pet extravagance just happened to be a Doll's House and I have pushed it through to completion after nine years. The collection of furniture has been accomplished since I was two years old when my father made my first doll house out of a cigar box.

"Now that the Doll House is completed, however, I would be selfish not to do some real good with it. My plan is to book it on a tour of the world, charging small admission fees and donating it to organizations devoted to the care of handicapped children. Since any money I have given for charity always has gone to orthopedic hospitals I have decided that these institutions will benefit from the Doll House program.

"Under the present plan, local charities in each community where the house is shown will derive the proceeds. We shall ask local committees of city and state officials to select the most worthy institution of this type as beneficiary."

Constructed under the supervision of an eminent engineer, Charles Morrison, who is actually the father of Miss Moore, all of the mechanical work was accomplished in workshops in Glendale, California. More than 700 workmen, artists, and master craftsmen of almost every type, at one time or another, contributed their skill to the magic dream castle. Their efforts alone made necessary the expenditure of $100,000. Thus labor benefited greatly.

Notable among those who have dared the impossible in bringing the movie star's dream to fruition are Harry Jones, whose bas relief and full relief work leave the spectator breathless; Clifford Roth, whose electrical system has been acclaimed a masterpiece in miniature wiring; Helga Braborn, for her etched and stained glass windows; Harold Grieve, responsible for much of the interior decorations; George Townsend Cole, celebrated mural artist and portraitist, for his Cinderella murals in the living room; Bayard de Volo, for carved ivory floors; Jerry Rouleau, for copper and aluminum masterpieces in miniature and scores of wood carvers and workers of Lilliputian designs in revolving pillars and fanciful golden decorations throughout the enchanted kingdom.

Famous artists who have contributed their genius towards making the Doll's House a miniature wonder of the world, are Leon Gordon, Willy Pogany, James Montgomery Flagg, George McManus, Alice O'Neill, Elizabeth Barrett, and many others.

First and only editions by authors who have done miniature books in their own handwriting for the library of Colleen Moore's Doll House, include: Conan Doyle, Edna Ferber, Hendrick Van Loon, Joseph Hergesheimer, Louis Bromfield, Irvin Cobb, Sinclair Lewis, Gene Fowler, Kathleen Norris, Jim Tully, Eleanor Glyn, Rupert Hughes, F. Scott Fitzgerald, Thyra S. Winslow, Warner Fabian, Fannie Hurst, Booth Tarkington, Adela Rogers St. John, and many others.

The library is one of the most beautiful rooms in the Doll's House and fantasy is rampant throughout. The copper-domed library ceiling depicts the constellations in sky-blue and white. The fireplace is cast as a fish net which, sweeping into the depths of the ocean catches in its folds an amused old Father Neptune and the fairest of the mermaids. Andirons are bronze anchors. Ship's capstans support the fire box, in which tiny magic logs burn merrily. This was designed by Harold Grieve. The floor, done in inlaid colored wood of varied hues, embodies signs of the Zodiac in solid gold from an ancient design. Over the fireplace in full relief, Captain Kid directs the burying of pirate treasures while swashbuckling, colorful hearties spade the earth in yawning holes.

The enchanted realm is further appreciated as one travels into the living room from another door in the Great Hall. This room of startling brilliance has a rose quartz floor with a carved border of de Vollo, inlaid with silver and gold. It is this room of fantastic elegance which boasts the diamond chandelier with the smallest electric light bulbs ever made. This gorgeous fixture hangs from a ceiling of misty clouds drifting in a sea-blue sky, done, as were the companion murals of Cinderella, by George Townsend Cole. A fireplace with golden andirons, designed by Harold Grieve, is effectively lighted and imaginary smoke shadows rise up the chimney. A tiny golden clock with amazing, diminutive hands, is wound daily and keeps the time of fairyland, and accurately. Furnishings of this room are in silver, with the exception of the carved wooden grand piano with ivory legs and one of the smallest chess tables with its little men. A secret stairway with the approach of Italian marble leads through a winding turret to the lookout towers in the heights of the castle.

Next, on the same floor, the dining room—the dining room of the Knights of the Round Table, is reached via a tall and stately arched doorway surmounted by a golden lion holding in his claws the initials of the star and the year 1928, the year when this room was designed by Horace Jackson, the Hollywood Scenarist.

The dining room, done in cast stone, has a floor of inlaid, imported Latin-American woods of many colors and varieties, polished to a shining brilliance.

The Round Table, of carved walnut, is surrounded by the twelve chairs of the twelve Knights of King Arthur's Court. Each chair contains the coat-of-arms of the occu-

(*Continued on page 206*)

BUILD O BLOCKS
Lock in position as you build them by new and simple method.
WEAVE-IT
Children's complete weaving sets with patterns.
"MY THOROUGHBRED"
HOBBY HORSE
KIDDY-CRAFTERS, INC., MEDFORD, MASS.
Room 584, Fifth Avenue Building, New York

VOICES
METAL-REED-PLATES
FOR
MUSICAL TOYS and NOVELTIES
A Full Line of Various Sizes
Fine Workmanship—Easy Blowing—With Good Sound
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LEHMAN Line
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N. D. Q. SPECIALTY CORPORATION
2566-2570 Atlantic Ave. Brooklyn, N. Y.

Colleen Moore's Doll House Exhibited at Macy's for First Time

(*Continued from page* 151)

pant, created by Alice O'Neill. The imaginary coats-of-arms were designed to tell the story of each knight, and wherever possible to strike home. For instance the coat-of-arms of Guenevere, the fickle-hearted, is of two hearts, to denote the faithlessness of the King's wife.

The sideboard of carved walnut on the northern side of the dining room, holds sets of tiny golden dishes, rare, marked china and the smallest of crystal glasses.

The Round Table is set with twelve golden dishes, and golden knives and forks, less than one-eighth of an inch long, with a monogram engraved on the handles with the aid of magnifying glasses. Tiny lace napkins repose by the side of each plate, with full table service in exquisite miniature completing the set. This includes tiny golden champagne glasses, green glasses, salt and pepper shakers.

Overhead lighting, achieved by sixty-four tiny hidden bulbs in the carved wooded ceiling, lend to this stately room a compelling majesty and give it a scope of magnitude which is unbelievable.

In relief the figures of the Wizard of Oz, the winged monkey, the cowardly lion and the tin man occupy a tablet near the carved wooden kitchen door. Figures of the wind and the rain puff and fall in full relief on angles of the Garden walls. Aladdin is seen in full relief in a remarkable grouping of the Genii rising from a cloud of smoke to work the bidding of his master, while the peddler who swapped new lamps for old slinks away in the misty puffs.

The tinkle of an old-fashioned music box takes the adult back to the days of childhood, transporting with beautiful tinkling notes every visitor to this marvel of miniature perfection to the realm of make-believe, recalling the fondest memories of the tender days when all literature was Mother Goose and little children won their rewards for being good.

Unrestrained fancies of a child's imagination are carried out everywhere.

"From the paths of the past," quotes an ancient Chinese philosopher, "are moulded the streets of the present."

Page after page could be used to give a more complete and detailed account of the many beautiful and priceless pieces of work to be seen in Miss Moore's doll house, however, space permits us to give no further description of the Fairy Castle. A visit to the doll house would certainly be time well spent and the writer suggests that every reader who gets the opportunity to view this doll house take advantage of it.

ALVIN

SILVER-PLATED FLATWARE

ONE QUALITY ONLY — THE VERY BEST

THE HOME OF ALVIN SILVER

ALVIN

GUARANTEE

ALVIN SILVER PLATE IS MADE IN ONE QUALITY ONLY—THE VERY BEST. IT IS GUARANTEED TO THE PURCHASER AGAINST DEFECTIVE CRAFTSMANSHIP OR MATERIALS. WE WILL GLADLY REPLACE, FREE OF CHARGE, ANY PIECE OF ALVIN PLATE WHICH DOES NOT GIVE SATISFACTORY SERVICE. WE ALSO AUTHORIZE ALL ALVIN PLATE DEALERS TO MAKE THIS SAME GUARANTEE.

THE ALVIN CORPORATION

PROVIDENCE, R. I.

SILVER PLATE

ALVIN SILVER PLATE IS MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY. IT IS MADE IN JUST ONE QUALITY—THE BEST. THE BASE IS 18% NICKEL SILVER AND IT IS OVERLAID WITH A THICK LAYER OF PURE SILVER 999-1000 FINE. WE TAKE PRIDE IN THE AUTHENTICITY OF OUR DESIGNS AND THE CRAFTSMANSHIP WITH WHICH THEY ARE EXECUTED. WE TAKE PARTICULAR CARE IS GIVEN TO ACHIEVING A SUPERB FINISH. THE FACT THAT ALVIN SILVER HAS BEEN SOLD THROUGH EXCLUSIVE JEWELRY STORES FOR FIFTY YEARS IS AN ADDED GUARANTEE OF YOUR SATISFACTION.

THE ALVIN CORPORATION

PROVIDENCE, R. I.

MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTOR

FINEST QUALITY **ALVIN** SILVERPLATE

The MELODY Pattern

GUARANTEED PLATE

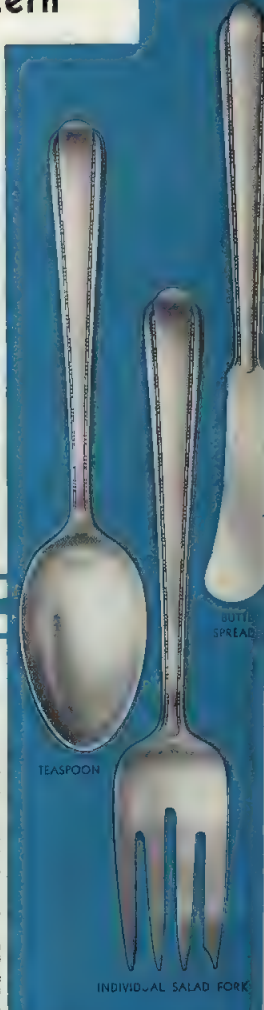
Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will gladly replace, free of charge any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

	Retail	List
SPOONS		
Tea ..... per dozen	$6.00	$7.50
Dessert or Oval-Bowl Soup ..... per dozen	12.00	15.00
Soup (Round Bowl) ..... per dozen	12.00	15.00
Cream Soup ..... per dozen	12.00	15.00
Table ..... per dozen	12.00	15.00
Iced Tea ..... per set of six	5.00	6.25
Orange or Grapefruit ..... per set of six	5.00	6.25
Bouillon ..... per set of six	6.00	7.50
Coffee ..... per set of six	3.00	3.75
Sugar ..... each	1.00	1.25
Berry or Salad Serving ..... each	3.00	3.75
Olive ..... each	1.50	1.88
Baby, Nursery Rhyme ..... each	.75	.94
Baby, Short Handle ..... each	.75	.94
Baby, Curved Handle ..... each	.75	.94
FORKS		
Dessert ..... per dozen	12.00	15.00
Dinner ..... per dozen	12.00	15.00
Individual Salad or Pastry ..... per set of six	6.00	7.50
Oyster ..... per set of six	4.50	5.63
Ice Cream ..... per set of six	6.00	7.50
Cold Meat or Salad Serving ..... each	2.00	2.50
Pickle or Olive ..... each	1.25	1.56
Baby, Nursery Rhyme ..... each	.75	.94
Baby, Short Handle ..... each	.75	.94
KNIVES		
All cutlery has hollow handles unless otherwise specified.		
Dessert, Stainless Mirror Finished Blades ..... per dozen	25.08	32.60
Dinner, Stainless Mirror Finished Blades ..... per dozen	25.08	32.60
Dinner, Long Handle, Short Stainless Mirror Finished Blades ..... per dozen	25.08	32.60
Dinner, Solid Handle, Stainless Mirror Finished Blades ..... per dozen	15.08	19.56
Fruit Stainless Mirror Finished Blade, set of six	11.00	14.24
Salad Stainless Mirror Finished Blade, per dozen	24.00	32.00
Butter Spreaders, individual ..... set of six	6.08	7.50
Butter, Flat Handle ..... each	1.04	1.26
Baby, Nursery Rhyme, Stainless Steel Blade ..... each	1.50	1.88

SEE BEAUTIFUL **FREE** CASES and TRAYS ON FOLLOWING ALVIN PAGES

LADLES		
Cream or Sauce ..... each	2.00	2.58
Gravy ..... each	2.58	3.14
CARVING SETS		
Carving Set, 3 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards ..... per set	16.50	21.48
Game Set, 2 pieces, Hollow Handle, Stainless Steel with guards ..... per set	10.00	13.04
Steak Set 2 pieces, Hollow Handle, Stainless Steel with guards ..... per set	6.00	7.82
MISCELLANEOUS		
Cucumber or Tomato Server, Flat Handle ..... each	3.00	3.76
Jelly Server ..... each	1.50	1.88
Sugar Tongs ..... each	1.75	2.18
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade ..... each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade ..... each	3.75	4.76
Round Server, Hollow Handle, Stainless Mirror Finished Blade ..... each	5.00	6.24
SETS		
Butter Knife and Sugar Spoon ..... per set	2.00	2.50
Salad, 2 pieces, Flat Handle ..... per set	5.00	6.26
Baby, 3 pieces, Nursery Rhyme, Hollow Handle Knife ..... per set	3.00	3.76
Baby Spoon and Fork, Short Handle ..... per set	1.50	1.88
Child's, 3 pieces, Knife Stainless Mirror Finished Blade ..... per set	3.25	4.06



MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTOR

FINEST QUALITY **ALVIN** SILVERPLATE

The DAWN Pattern

GUARANTEED PLATE

Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will gladly replace, free of charge, any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

SPOONS

		Retail	List
Tea	per dozen	**60.00**	**87.50**
Dessert or Oval-Bowl Soup	per dozen	**12.00**	**15.00**
Soup (Round Bowl)	per dozen	**12.00**	**15.00**
Cream Soup	per dozen	12.00	15.00
Table	per dozen	**12.00**	**15.00**
Iced Tea	set of six	5.00	6.25
Orange or Grapefruit	set of six	5.40	6.75
Bouillon	set of six	6.00	7.50
Coffee	set of six	3.00	3.75
Sugar	each	**1.00**	**1.28**
Berry or Salad Serving	each	2.00	3.76
Olive	each	1.50	1.88
Baby Nursery Rhyme	each	.75	.94
Baby Short Handle	each	.75	.94
Baby Curved Handle	each	.75	.94

FORKS

Dessert	per dozen	**12.00**	**15.00**
Dinner	per dozen	**12.00**	**15.00**
Individual Salad or Pastry	set of six	**6.00**	**7.50**
Oyster	set of six	4.50	5.62
Ice Cream	set of six	6.00	7.50
Cold Meat	each	**2.00**	**2.50**
Pickle or Olive	each	1.25	1.56
Salad Serving	each	3.75	4.70
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94

KNIVES

All cutlery has hollow handles unless otherwise specified

Dessert, Stainless Steel French Blades	per dozen	**22.00**	**28.66**
Dessert, Stainless Mirror Finished Blades	per dozen	**25.00**	**32.60**
Dinner, Stainless Steel French Blades	per dozen	**22.00**	**28.60**
Dinner, Stainless Mirror Finished Blades	per dozen	**25.00**	**32.60**
Dinner, Long Handle, Short Mirror Finished Blades	per dozen	**25.00**	**32.60**
Fruit, Stainless Steel Blades	set of six	10.00	13.03
Salad, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Butter Spreaders, Individual	set of six	**6.00**	**7.50**
Butter, Flat Handle	each	**1.00**	**1.25**
Baby, Nursery Rhyme, Stainless Steel Blades	each	1.50	1.88

SEE BEAUTIFUL FREE CASES and TRAYS ON FOLLOWING ALVIN PAGES

LADLES

Cream or Sauce	each	2.00	2.50
Gravy	each	2.50	3.14
Soup, Hollow Handle	each	5.00	6.24
Punch, Hollow Handle	each	6.25	7.82

CARVERS

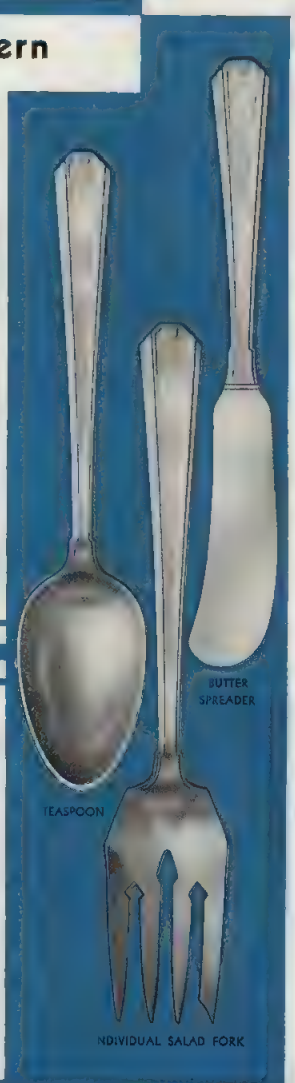
Carving, 3 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	16.50	21.48
Game, 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	10.00	12.04
Steak, 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	6.00	7.52

MISCELLANEOUS

Cucumber or Tomato Server, Flat Handle	each	3.00	3.76
Jelly Server	each	1.50	1.88
Sugar Tongs	each	1.75	2.18
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade	each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade	each	3.75	4.70
Round Server, Hollow Handle, Stainless Mirror Finished Blade	each	5.00	6.24

SETS

Butter Knife and Sugar Spoon	per set	2.00	2.50
Salad, 2 pieces, Serving Flat Handle	per set	6.75	8.46
Baby, 3 pieces, Nursery Rhyme, Knife Stainless Steel Blade	per set	3.00	3.76
Baby Spoon and Fork, Short Handle	per set	1.50	1.88
Child's, 3 pieces, Knife Stainless Steel Blade	per set	3.00	3.76



MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

LAWN MOWERS.

AMERICAN.

American lawn mowers are built to rigid specifications from the best materials obtainable. All parts are accurately milled and machined; bodies are built with a four-shoulder locked frame construction, which provides a strong, rigid frame, insuring positive alignment of the cutting units. The bearings are automatic adjusting, eliminating the necessity of any mechanical adjustment, and keeps the cutting reel in alignment at all times, thereby insuring a sharp lawn mower.

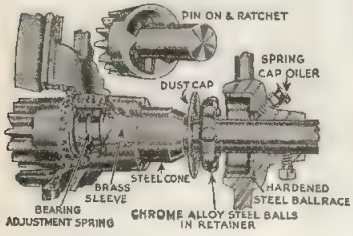
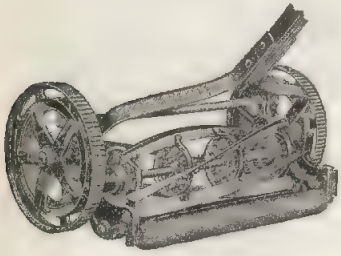


Illustration showing the construction of the automatic adjusting ball bearing used on the Congress, Warewell, Challenge and Rex lawn mowers. Also the pinion and pawl which shows the positive shoulder-against-shoulder construction, thereby providing a ratchet that is practically wear-proof.

Automatic adjusting ball bearings represent the most outstanding and practical improvement developed in years in the construction of ball bearing lawn mowers.

CONGRESS.

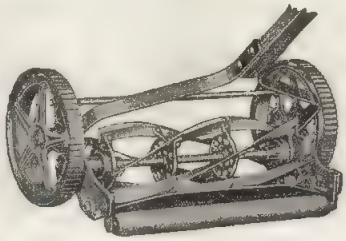


A high grade, easy running mower with automatic adjusting ball bearings of chrome alloy steel; reinforced four-shoulder locked frame; five self-sharpening, extra heavy, high carbon crucible steel blades; mounted on strong, double riveted malleable spider; equipped with spring cap oilers; lipped edge manganese steel bed knife, especially ground; positive acting pinions with steel pawls; finished in light green enamel, trimmed with gold and red.

Ball bearing; 10-inch wheels; 5 blades; diameter cutting reel, 6 inches.

Lawn Mowers	W-16C	W-18C	W-20C
Cut, inches	16	18	20
Shipping weight each, lbs	50	52	54
Each	$16.50	17.60	18.80

WEARWELL.

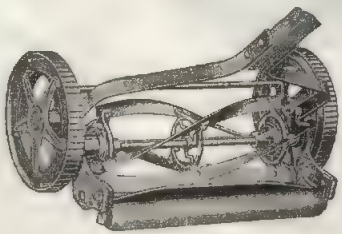


A dependable, easy running mower, with automatic adjusting ball bearings of chrome alloy steel; four-shoulder locked frame; five self-sharpening crucible steel blades; mounted on heavy malleable spider; equipped with spring cap oilers; raised edge manganese steel bed knife; positive acting pinions. Finish, gold body trimmed with red, aluminum wheels trimmed with red, with baby blue tread.

Ball bearing; 10-inch wheels; 5 blades; diameter cutting reel, 6 inches.

Lawn Mowers	W-16W
Cut, inches	16
Shipping weight each, lbs	46
Each	$10.50

CHALLENGE.



A moderate priced mower with automatic adjusting ball bearings of chrome alloy steel; four-shoulder locked frame; four self-sharpening crucible steel blades; mounted on malleable spiders; equipped with spring cap oilers; raised edge manganese steel bed knife; positive acting pinions. Finish, gold body and wheels, trimmed with red and green.

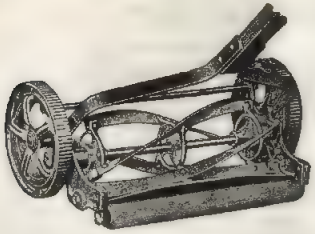
Ball bearing; 10-inch wheels; 4 blades; diameter cutting reel, 6 inches.

Lawn Mowers	W-16CH
Cut, inches	16
Shipping weight each, lbs	45
Each	$9.50

All above one in a box.

AMERICAN.

REX.



An attractive low priced mower with automatic adjusting ball bearings; four cutting blades; equipped with spring cap oilers; raised edge steel cutter bar; positive acting pinions. Finish, jade green, trimmed in red and gold.

Ball bearing; 8-inch wheels; 4 blades; diameter cutting reel, 6 inches.

Lawn Mowers	W-14AR	W-16AR
Cut, inches	14	16
Shipping weight each, lbs.	35	37
Each	$8.70	8.50

ELM PARK.

A quiet, easy running mower that offers the user five blades, which gives a smoother, finer cut to lawns that are kept closely trimmed.

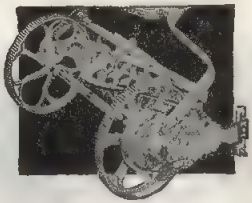
Ball bearing; 10-inch closed type wheels; lipped under knife and spiral blades of first grade special alloy steel, hardened and tempered; rigid, sturdy and compact frame with all parts machined and fitted. Finished in silver and gold.

Ball bearing; 10-inch wheels; 5 blades; diameter cutting reel, 5 inches.

Lawn Mowers	W-140	W-160	W-180	W-200
Cut, inches	14	16	18	20
Shipping weight each, lbs.	48	50	54	58
Each	$13.30	14.00	14.70	15.00

PHILADELPHIA.

STYLE A.



The highest grade mower of its type on the market. Equipped with a single train of gears to attain lightness; has high wheels with wide, milled treads that will not mark the lawn. The revolving cutter is of large diameter, has four crucible steel blades and is driven by both wheels, through the use of two ratchets; stationary knife is of special chrome steel and will hold its edge indefinitely; adjustable bearings in revolving cutter journals; all oil holes protected with oil cups. Revolving cutter can be removed for sharpening without disturbing any of the parts.

Adjustable plain bearings; 10-inch wheels; 4 blades; diameter cutting reel, 6⅝ inches.

Lawn Mowers	W-15A	W-17A	W-19A	W-21A
Cut, inches	15	17	19	21
Shipping weight each, lbs.	61	63½	66	68½
Each	$30.00	34.00	38.00	42.00

STYLE K.

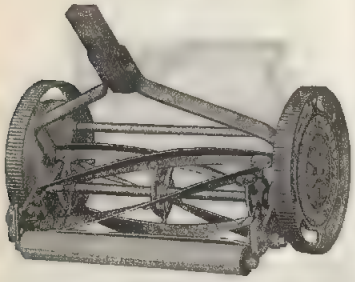
Made to meet the demands for a light weight, high grade mower. It is an internal gear driven machine with flat sliding pawl ratchets at each end of the revolving cutter. Has adjustable roller bearings; high wheels with wide milled treads; revolving cutter is of large diameter with five crucible steel blades; stationary knife is of extreme hardness and will hold its edge for a long time.

Roller bearings; 10-inch wheels; diameter of cutting reel, 6⅝ inches.

Lawn Mowers	W-14K	W-16K	W-18K	W-20K
Cut, inches	14	16	18	20
Shipping weight each, lbs.	54½	58½	62½	66½
Each	$24.00	26.00	28.00	30.00

DAVIS.

AUTOMOTIVE FREE WHEELING.



Automotive free wheeling driving clutches are identical in design to those used in the free wheeling units of automobiles. They are entirely silent and positive in operation and designed to stand many times the speed and power ever encountered in the use of a lawn mower. Both the clutches and the reel shaft ends are cyanide hardened and ground to 1/1000 of an inch.

Needle type bearings used on the reel shaft. This type bearing is used almost exclusively in automobile universal joints and has proved to be the best. They are made accurate to 1/10,000 of an inch and will stay that way. These bearings will carry the loads and power; their life in a lawn mower is everlasting.

Machine cut gears are cut on the same machines that make gears for automobile transmissions. They are fitted to 1/1000 of an inch and their operation is in no way comparable to the cast iron gears in general use. They are noiseless and require considerably less power to operate.

Reel blades of finest crucible tool steel, oil tempered, sheer cutting, self-sharpening, formed to perfect spiral. Rockwell Hardness .35.

Reel shaft, ¾-inch diameter, with malleable double riveted spiders; shaft ends cyanide hardened and running on needle bearings.

Cutter bar with lipped shearing edge. Rockwell Hardness, .45.

Free wheeling; 10½-inch wheels; 5 blades; diameter cutting reel, 6 inches.

	Each
No. W-16FW—Lawn Mowers; 16 inch cut; shipping weight each, 55 lbs.	$21.20

LAWN TRIMMERS AND EDGERS.

AMERICAN.

Saves time and hard work, besides giving a trim, neat finish to a lawn.

It is a lawn mower cut in half, provided with a strong plate and outer bearing for the shaft of the cylinder, suitably braced. Has a sharp edged disk with a small plow share to throw aside the edgings, thereby making a complete trimmer and edger.

Has 3-inch traction wheel, 4 blades; finish, gold and aluminum, trimmed in red; natural finished handle, varnished.

	Each
No. W-CLT—Lawn Trimmers and Edgers; cut, 6 inches; diameter wheel, 8 inches; weight each, 18¾ lbs. One in a box.	$10.90

NEW PATHFINDER AND CLIPPER.

	Each
No. W-E—Pinion; right hand; ½-inch	$0.30
No. W-K—Pinion; left hand; ½-inch	.30

F. O. K. & Co., B. B.

	Each
No. W-E⅝—Pinion; right hand; ⅝-inch	$0.30
No. W-K⅝—Pinion; left hand; ⅝-inch	.30
No. W-OX5—Wheel; for F. O. K. B. B.	2 00
W-Handles; for F. O. K. & Co.	1 00
W-Rollers; 14-inch; for F. O. K. & Co.	.50

KEYSTONE.

	Each
No. W-T—Pinion; right hand; ½-inch	$0 30
No. W-V—Pinion; left hand; ½-inch	.30

For Achilles since January 1st, 1923 and Greenfield, write for special repair list.

RIVERSIDE, B. B., FOREST GLEN AND ACHILLES, B. B.

	Each
No. W-T⅝—Pinion; right hand; ⅝-inch	$0.30
No. W-V⅝—Pinion; left hand; ⅝-inch	.30
No. W-99—Steel Pawls	.07
No. W-621—Adjustable Cones	.50
No. W-23—Roller Brackets	.25
No. W-7BR—Disks; for Riverside	1.75
No. W-7BL—Disks; for Riverside	1.75
No. W-P5—Wheels; for Achilles	1.60
No. W-P14—Cutter Bar; for F. O. K., Achilles, Forest Glen and Clipper	1.90
No. W-P16—Cutter Bar; for F. O. K., Achilles, Forest Glen and Clipper	2.00
No. W-P18—Cutter Bar; for F. O. K., Achilles, Forest Glen and Clipper	2.25
No. W-K14—Cutter bar; for Riverside and Pathfinder.	1.90
No. W-K16—Cutter Bar; for Riverside and Pathfinder.	2.00
No. W-K18—Cutter Bar; for Riverside and Pathfinder.	2.25

PHILADELPHIA. STYLE K AND C.

	Each
No. W-811—Pinion; right hand	$0.70
No. W-812—Pinion; left hand	.70
No. W-91—Pawls	.16

PHILADELPHIA. STYLE E.

	Each
No. W-E15—Pinion	$0.80

GRANITE STATE. STYLE B.

	Each
No. W-400—Wheels	$2.10
No. W-403—Sides; right hand	2.10
No. W-404—Sides; left hand	2.66
No. W-16—Bed Plate; 16-inch	1.80
No. W-506RH—Pinion; right hand	.36
No. W-506LH—Pinion; left hand	.36
No. W-500—Pawls	.10

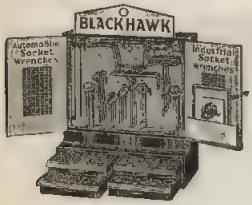
WOOD ROLLERS AND HANDLES.

For any make Lawn Mower.

	Each
No. W-14—Lawn Mower Wood Rollers; 14-inch	$0.70
No. W-16—Lawn Mower Wood Rollers; 16-inch	.70
No. W-18—Lawn Mower Wood Rollers; 18-inch	.70
W-Lawn Mower Handles	1.29

BLACKHAWK WRENCHES

Selected Steel—Cadmium Plated



10C—CABINET

A Real Merchandiser of Socket Wrenches; Made of Steel, Beautifully Lithographed in Three Colors; Each Drawer Compartment is Labeled in Front, Showing what it Contains. From this Cabinet the Dealer Can Supply a Wrench for any Bolt or Nut on Car, Truck, Tractor, or Farm Machinery.

The Hardware, Accessory Store, and Parts Dealers Need this Merchandiser.

Contents:

Handles and Extensions

3—T4 Offset and "T" Handles.
3—T5 Double End Handles.
3—110X Offset Handles.
2—3310 Long "T" Handles.
3—500 Brace Wrenches.
3—610 Speeders. 19½ inches Over All.
2—911X Ratchet Handles, 10 inches Long.
3—T6 Extension Bars, 6 inches Long.
3—T10 Extension Bars, 10 inches Long.
2—T4X Heavy Duty Sliding Tee.
2—T8X H. D. Extension Bars, 8½ inches Long.
2—T17X HD Extension Bars, 17 inches Long.

Double Hexagon Sockets

4—D14	4—D22	1—D31	2—D40X
6—D16	6—D24	3—D32	2—D42X
6—D18	1—D25	2—D34	2—D44X
2—D19	3—D26	2—D36	2—D46X
8—D20	3—D28	1—D40	2—D48X
2—D21	3 D30	2—D50	2—D50X
			2—D52X

Square Sockets

3—012	3—018	2—024
3—014	3—020	2—028
3—016	2—022	1—032

Universal Joints

2—T2	1—T18	1—T22
1—T16	1—T20	1—T24

2—3329 Spark Plug Sockets.
2—3731 Spark Plug Sockets.
2—T1 Tie Rod Sockets.
2—T13 Ratchet Grips.

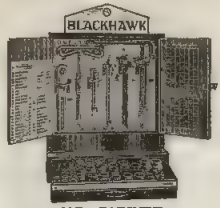
Per Assortment

✣No. 10C—Stock Assortment of 142 Tools, Complete with Cabinet; Weight Each, 171 lbs. $130 00 98.60

One in a Box

BLACKHAWK WRENCHES

Selected Steel—Cadmium Plated



20C—CABINET

This Small Cabinet, Designed to Meet the Demand for an Inexpensive Assortment of Popular Handles and Sockets. All Steel Cabinet, Beautifully Lithographed in 3 Colors; Size, 19¾ inches High; 16⅛ inches Wide, and 8¾ inches Deep; Each Drawer Compartment Labeled, Showing Contents.

Contens:

2—T1 Tie Rod and Screw Driver Attachment.
2—T2 Universal Joints.
3 T4 Offset and "T" Handles.
3 —T5 Offset Handles.
3—T6 Extension Bars, 6 inches Long.
3—T10 Extension Bars, 10 inches Long
2—T13 Ratchet Lugs.
3 110X Offset Handles.
3—500 Brace Handles.
2—911X Ratchet Handles, 10 inches Long.
3—3310 Long "T" Handles.

Double Hexagon Sockets

3—D14	2 D21	2—D28
4—D16	3—D22	2—D30
4—D18	4—D24	1—D31
2—D19	1 –D25	2—D32
6—D20	2—D26	

Square Sockets

2—012	2—016	2—020
2—014	3—018	2—022
		2 -024

Per Assortment

✣No. 20C—Cabinet Containing 82 Tools Weight Each, 64 lbs. $68 00 49.85

One Assortment in a Box

19AD SET

Intermediate Assortment of Wrenches in the ½ inch Square Drive Series for Mechanics who Need a Practical Set-up of Tools, but Cannot Afford a Larger, More Complete Assortment. It will handle a Wide Variety of Repair Work on Most Cars.

Packed in a Sturdy Steel Case "A" with Compartments to Keep Sockets and Handles in Place.

Contents of Set:

One Each. Brass Handle, No. 500, Tee Handle, No. 3310; Ratchet Wrench, No. 911X; Sliding Tee Offset, No. T4; Offset Handle, No. T5, Extension Bars, No. T6 and T10; Universal Joint, No. T2; Double Hexagon Sockets from 7/16 to ¾ inches, Nos. D14, D16, D18, D19, D20, D21, D22, D24, D25, D26, D28.

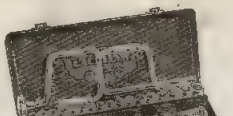
Per Set

No. 19AD—19 Piece Set Complete, Weight per Set, 16½ lbs. $22 60 17.10

One Set in a Box

BLACKHAWK WRENCHES

Selected Steel—Cadmium Plated



29CD SET

Mechanics Demand a Set of this Kind for General Service Work. An Assortment of Twenty-nine Wrenches in the ½-inch Square Drive Series. Contains a Useful Set-up of Tools to do a 100% Repair Job on Passenger Cars of All Kinds. Packed in a Sturdy Steel Case, that Keeps the Tools in their Places, and on Hand when Needed. Easily Portable—Take it Right to the Job.

All Wrenches Finished in the New, Enduring Cadmium Plate.

Contents of Set:

One Each Speeder, No. 610 Brace Handle, No. 500-Ratchet Wrench, No. 911X, Sliding Tee Offset, No. T4; Extension Bars, Nos. T6 and T10 Tee Handle, No. 3310; Universal Joint, No. T2; Offset Handle, No. 110X; Drag Link and Tie Rod Socket, No. T1, Double Hexagon Sockets from 7/16 to 1 inch, No. D14; D16, D18, D19, D20, D21, D22, D24, D25, D26, D28, D30, D31, D32; Double Square Sockets, from ⅜ to ⅝ in., Nos. 012, 014, 016, 018, 020

Per Set

No. 29CD—29 Piece Set, Complete; Weight per Set, 23½ lbs. $30.00 22.80

One Set in a Box

38CB SET

A Complete Set of Thirty-eight (38) Wrenches in the ½-inch Cadmium Plated Series. There's a Wrench in this Set to handle the Majority of Repair Jobs on All Cars, Trucks, and Other Equipment.

Its Low Price and Completeness Appeal to the Mechanic who Needs an All-around Set, but Cannot Afford the Finer Chromium Plated Line.

All the Tools are Cadmium Plated—a New, Attractive and Rust-proof Finish, Contained in the Standard CB Case — Praised by Every Mechanic for its Compactness and Portability.

Nickeled Name-plate with Mechanic's Name Engraved, will be Furnished at a Small Cost of 25 Cents; Adds a Note of Individuality and Brands it as His Own Property.

Contents of Set:

One Each: Speeder, No. 610 Offset Handle, No. 110X; Ratchet Wrench, No. 911X. Brace Handle, No. 500, Tee Handle, No. 3310; Extensions, Nos. T6 and T10 Universal Joint, No. T2 Sliding Tee Offset, No. T4; Drag Link Socket, No. T1 Double Hexagon Socket, from 7/16 to 1 ¼ inch, Nos. D14, D16, D18, D19, D20, D21, D22, D24, D25, D26, D28, D30, D31, D32, D34, D36, and D40, Double Square Sockets, ⅜ to ⅝ inch, Nos. 012, 014, 016, 018, and 020, Spark Plug Wrenches, Nos. 3327, 3329, 3731, and Handle, No 3750, Double Hex Box Type Wrenches, ⅜ to 1 1/16 inch, Nos. 15176, 15177, and 15178.

Per Set

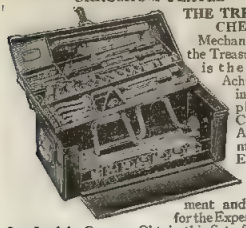
No. 38CB—38 Piece Set, Complete; Weight per Set, 28 lbs. $44.60 33.80

One Set in a Box

Items Marked ✣Not Carried in Stock; Can Only be Furnished by Shipment Direct from Factory, F. O. B., Milwaukee, Wisc.

BLACKHAWK WRENCHES

CHROMIUM PLATED



THE TREASURE CHEST

Mechanics Claim the Treasure Chest is the Finest Achievement in a Complete yet Compact Assortment of Essential Handles, Attachment and Sockets for the Expert. Under One Lock he Can now Obtain this Set of 70 Tools — for Any Job from the Fussiest Work on Ignition Systems, Generators, Relays, Starters, Radios, Aeromotive Work, to Smaller Assembly Jobs, General Automotive Repair, Truck and Bus Work, Tractors, Farm Machinery and Many Industrial Uses. All in De Luxe R Case Which Provides Added Room for Coveralls, Hammers, Pliers, and Other Small Tools.

THE 70RD "TREASURE CHEST" CONTAINS THE FOLLOWING:

Extra Small Series

Units with ¼ inch Square Q. D. Lugs or Handle Openings

One Each Midget Obstruction Offset No. 1521, Grip Handle No. 1523 and Extension Bar No. 1525, Single Hex. Sockets from 5/16 to 7/16 inch, Nos. 1506, 1507, 1508, 1509; Double Hex Sockets from 7/16 to 7/8 inch, Nos. 1510, 1511, 1512 and 1514. All in Individual Metal Case N.

Small Series

Units with ⅜ inch Square Lock-on Lugs or Handle Openings

One Each Tiny Hinged Offset No. 9207S, Cross Bar No. 9209S, Speeder Handle No. 9510S, Extension Bars Nos. 9206S and 9210S, Extension Bar No. 9210S, Universal Joint No. 8502S, Screw Driver No. 8552S; Double Hex Sockets from 3/8 to 5/8 inch, Nos. 7812S, 7814S, 7816S, 7818S and 7820S. **Short Box Type Wrenches**

One Each Nos. 15176, 15177, 15178; Sizes, 5/16 to 11/16 inch. **Standard Series**

Units with ½ inch Square Lock-on Lugs or Handle Openings

One Each Standard Speeder No. 9611; Brace Handle No. 9506; Free Wheeling Ratchet Wrench No. 9810, Extensions No. 9206 and 9210, Handle Bar No. 9209, Hinged Offset No. 9208; Obstruction Offset No. 9202; Screw Driver No. 8552; Universal Joint No. 8502, Double Hexagon Sockets from 7/16 to 1 inch, Nos. 6614, 6616, 6618, 6619, 6620, 6621, 6622, 6624, 6625, 6626, 6628, 6630, 6631, 6632; Double Square Sockets from 7/16 to 5/8 inch, Nos. 8114, 8116, 8118 and 8120. Two, No. 9004 Release Tool, Used with All Lock-on Sockets is Included in the Tray.

Heavy Duty Series

Units with ¾ inch Lock-on Lugs or Handle Openings

One Each Heavy Duty Sliding Offset No. T4XN, Extension Bars T8XN and T17XN; Double Hexagon Sockets from 1 1/16 to 1 1/4 inches, Nos. D34XN, D36XN, D40XN, D44XN, D46XN, D48XN, D56XN and D58XN.

Spark Plug Sockets

One Each Pressed Steel Socket, Nos. 3329N and 3731N, and Handle No. 3750N.

The Sturdy R Case is Constructed of Heavy Gauge Steel—No Sharp Corners. It is 23¼ inches Long, 11¼ inches Wide and 8¾ inches Deep. Front Drop with Raised Sides all Around Acts as a Tray for Tools and Small Parts While on the Job. Ball Bearing Rollers Spot Welded to the Bottom, Comfortable Grips That Will Not Pinch the Hand, a Removable Tray That may be Conveniently Carried Anywhere, and Finally a Lasting, Beautiful Black Baked-on Enamel Finish Makes this the Finest Case a Mechanic Could Desire. Per Set

No. 70RD—Treasure Chest Set; Weight per Set, 82 lbs.; One Set in a Box. **$131.00** 99.40

BLACKHAWK WRENCHES

Selected Steel—Cadmium Plated

BRACE HANDLE

1/16-inch Stock Diameter; 15 5/16 inches Long; 4 7/16-inch Sweep; 4 7/16-inch Shank Length; ½-inch Square Drive; Revolving Grips. Each

No. 500—Weight Each, 1 5/16 lbs. . . . **$1.45** 1.10
Five in a Carton

SPEEDER

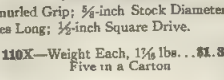
Long Shank and Revolving Grip; 5/16-inch Stock Diameter; 19 inches Long Over All; 11-inch Shank Length; 4 11/16-inch Sweep; ½-inch Square Drive. Each

No. 610—Weight Each, 2½ lbs. **$1.80** 1.35
Five in a Carton

RATCHET WRENCH

10 inches Long; ½-inch Square Drive; Instantly Reversed by Flipping Lever on Top of Handle. Each

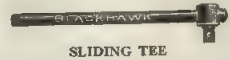
No. 611X—Weight Each, 1¾ lbs. . . **$3.90** 2.75
Five in a Carton



OFFSET HANDLE

Knurled Grip; 5/16-inch Stock Diameter; 10 5/16 inches Long; ½-inch Square Drive. Each

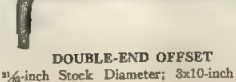
No. 110X—Weight Each, 1 5/16 lbs. . . **$1.30** 1.00
Five in a Carton



SLIDING TEE

Handle Slides Freely Through Socket Head; Use with an Extension to Make Either a "T" or "L" Handle; 5/16-inch Stock Diameter; 10¼ inches Long; ½-inch Square Drive. Each

No. T4—Weight Each, 1 lb. . . . . **$1.20** .90
Five in a Carton



DOUBLE-END OFFSET

21/64-inch Stock Diameter; 3x10-inch Shank Length; ½-inch Square Drive on Each End. Each

No. T5—Weight Each, 1¼ lbs. . . . . **$1.00** .75
Five in a Carton

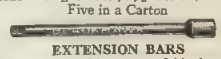
BLACKHAWK WRENCHES

Selected Steel—Cadmium Plated

TEE HANDLE

Swivel Grip; 7¼-inch Handle Spread; ½-inch Stock Diameter; 12 inches Long, ½-inch Square Drive. □T-V⊕-VZ Each

No. 3310—Weight Each, 1½ lbs. . . . **$1.30** 1.00
Five in a Carton



EXTENSION BARS

5/16-inch Stock Diameter; ½-inch Square Drive. Each

No. T6—6 inches Long; Weight Each, 1 lb. . . . . **$1.00** .75

No. T10—10 inches Long; Weight Each, 1¼ lbs. . . . . **1.20** .90
Five in a Carton

TIE ROD AND SCREWDRIVER ATTACHMENT

Size of Blade, 15/64x3/4 inch; ½-inch Square Drive Each

No. T1—Weight Each, 4 ozs. . . . . **$0.65** .50
Five in a Carton

UNIVERSAL JOINTS

Give Full 90° Angle; ½-inch Square Male End; ½-inch Square Drive. Each

No. T2—Weight Each, 8 ozs. **$2.20** 1.65
Five in a Carton

Selected Steel; Cadmium Plated

HEAVY DUTY

Heavy Duty Ratchet Wrench

One-Piece Steel Handle, Reverses by Shifting Lever; 16 inches Long; ¾-inch Square Drive. Each

No. 916—Weight Each, 3 7/16 lbs. . . **$10.60** 8.00
Five in a Box

Heavy Duty Sliding Tee

1 1/16-inch Stock Diameter; 18 inches Long; ¾-inch Square Drive. Each

No. T4X—Weight Each, 3 3/16 lbs. . . **$2.30** 1.75
Five in a Carton

Heavy Duty Long Extension

1 1/16-inch Stock Diameter; 17 inches Long; ¾-inch Square Drive. Each

No. T17X—Weight Each, 2½ lbs. . **$2.10** 1.60
Five in a Carton

Heavy Duty Short Extension

1 1/16-inch Stock Diameter; 8¾ inches Long; ¾-inch Square Drive. Each

No. T8X—Weight Each, 1 7/8 lbs. . . . **$2.00** 1.50
Five in a Carton

BLACKHAWK WRENCHES

Selected Steel—Cadmium Plated

DOUBLE HEX. SOCKETS

Table of Standard Double Hexagon Sockets; ½-inch Square Lock-on Handle Openings.

Nos.	Socket Size	U. S. S. Nuts and Bolts	U. S. Std. Hex. Hd. Cap Screws	S. A. E. Std. Nuts and Cap Screws	Machine Bolts	Hex. Head Cap Screws	Each	
D14	7/16		1/4	1/4	1/4	1/4		
D16	1/2	1/4	5/16	5/16	5/16	5/16		
D18	9/16		3/8	3/8	3/8	3/8		
D19	19/32	5/16					$0.50	.35
D20	5/8		7/16	7/16	7/16	7/16		
D21	21/32							
D22	11/16	3/8						
D24	3/4		1/2	1/2	7/16	1/2		
D25	25/32	7/16					.55	.40
D26	13/16		9/16		1/2	9/16		
D28	7/8	1/2	5/8	5/8	9/16	5/8		
D30	15/16			5/8	5/8			
D31	31/32	9/16					.65	.50
D32	1		3/4	11/16		3/4		
D34	1 1/16	5/8		3/4			.75	.55
D36	1 1/8		7/8		3/4	7/8	.80	.60
D40	1 1/4	3/4	1	7/8			.85	.65

Average Weight Each, 4 ozs.
Ten in a Carton

SQUARE SOCKETS

Table of Standard Square Sockets; ½-inch Square Lock-on Handle Openings.

Nos.	Socket Opening	U. S. S. Nuts and Bolts	U. S. S. Cap Screws	Am. Std. Bolts and Nuts	U. S. S. or Am. Std. Set Screws	Each	
012	3/8		#10		3/8		
014	7/16		7/16	#12 & 1/4	7/16		
016	1/2	1/4	1/2		1/2	$0.50	.35
018	9/16		9/16	5/16	9/16		
020	5/8		5/8	3/8	5/8		

Average Weight Each, 3 ozs
Ten in a Carton

Lubrication Service Tools

Adjustable to Fit all Drain Plugs; Square or Hexagon, Male or Female; Can be Used Universally on all Transmissions, Differentials, Shock Absorbers, Gasoline Tanks and Vacuum Tank Drain and Filler Plug Jaws are Adjustable by a Twist of the Thumb on Knitted Sleeve, 9 inches Long; Chrome Vanadium Steel; Cadmium Plated; Adjustable Sockets and Plugs to Fit; Hex. Made Plugs 7/16 to 1½-inch; Small Male Plugs 3/16 to 1¼-inch; Square Female Openings, 5/16 to 1-inch.

Each
No. 151 Weight Each, 1⅝ lbs. **$5.00** 3.75
Five in a Carton

BLACKHAWK WRENCHES

Connecting Rod Socket For "V8" Ford

Special Thin Wall Socket with 9/16-inch Double Hex. Opening; ⅜-inch Square Lock on Drive.

Chromium Plated

Each
No. 6618F—Weight Each, 2 ozs. . . . . **$1.00** .75
Five in a Carton

DRAIN PLUG WRENCHES

BLACKHAWK

THE MULTI-PLUG

A One-Piece Lubrication Tool; Handy and Compact; to Fit All Female Plugs on Every Car; it's a Dandy; Built to Sneak into Odd Places; it Sure Does the Job in Short Order; Length, 8 inches; Forged of Chome Nickel Steel, Heat Treated for Strength, with Cadmium Plated Finish; has 1/16-inch Hexagon Lug and ⅜-inch Square to Fit Both Old and New Hudson and Essex Clutch Drain Plugs—Mean Ones to Reach with Ordinary Tools, but a Snap for the Multi-Plug.

Has the Following Sized Plugs: 7/16, ½, 9/16, 5/8, ½, 9/16 and 5/8-inch Square, and 5/8-inch Hexagon.

Each
No. 152BH -Weight Each, 1 lb . . **$2.70** 1.35
Five in a Carton

Heavy Duty Double Hexagon Sockets ¾-inch Square Drive

Nos.	Socket Size, inch	Weight Each, lb.		Each
D28X	7/8	1/2	$0.85	.65
D30X	15/16	1/2	.85	.65
D31X	31/32	1/2	.85	.65
D32X	1	3/4	.85	.65
D34X	1 1/16	1/2	1.00	.75
D36X	1 1/8	3/4	1.00	.75
D38X	1 3/16	3/4	1.00	.75
D40X	1 1/4	7/8	1.10	.85
D42X	1 5/16	1	1.10	.85
D44X	1 3/8	1	1.10	.85
D46X	1 7/16	1	1.30	1.00
D48X	1 1/2	1 1/4	1.30	1.00
D50X	1 9/16	1 3/8	1.30	1.00
D52X	1 5/8	1 1/4	1.60	1.20
D54X	1 11/16	1 1/2	1.90	1.40

BLACKHAWK WRENCHES

Cadmium Finish

Special Wrenches for Ford Cars

This Special Wrench Can be Used on All Models Ford Cars; Models "T" and "A" as Well as the New "V8".

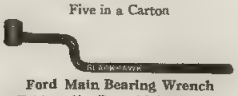
SPEEDER

For Ford Oil Pan Screws

½-inch Socket Size; 17 inches Long, 8½-inch Shank Length; Made from ½-inch Stock; Used for Oil Pan Screws on All Models "A", "AA", "B", "AAB" and "18" Ford Cars.

Each
No. 4318—Weight Each, 1⅝ lbs. . . **$1.30** 1.00

Five in a Carton



Ford Main Bearing Wrench

For Taking Up Rear Main Bearings with Motor in Car; ⅝ inch Socket; 15 inches Long; Fits All Models "A", "AA", "B", "AAB" and "18" Ford Cars.

Each
No. 4124—Weight Each, 1½ lbs. . . **$1.30** 1.00

Five in a Carton

Ford Front and Center Bearing Wrench

For Models "T", "AA", "A", "B" and "AAB," 9/16-inch Square Opening.

Each
No. 4018—Weight Each, 7/16 lbs. . . **$1.00** .75

Five in a Carton

For Holding Main Bearing Bolt on Ford "V-8"

U-Shaped Handle with Two "Lock-On" Sockets; 5/16-inch Double Square for Holding Main Bearing Bolts While Nuts are Adjusted; Because of Extreme Thinness Necessary in Sockets, they are Not Guaranteed Against Breakage; Chrome Vanadium Steel; Chromium Plated.

Each
No. 8565—Weight Each, 1½ lbs **$3.70** 2.80

Ford Brake Adjusting Wrench

Square Socket Sizes, 7/16 and ½-inch; Length, 9⅝ inches; Fits All Models Ford Cars and Trucks.

Each
No. 4014X—Weight Each, 1½ lbs. **$1.45** 1.10

Five in a Carton

Ford Connection Rod Wrenches

9/16-inch Hex. Socket Size; 8⅝ inches Long; Fits All Models "A", "AA", "B" and "AAB" Ford Cars.

Each
No. 4021—Weight Each, ⅞ lb. . . . **$1.00** 0.75

Five in a Carton

TRIUMPH.

COLD BLAST, SHORT GLOBE.

With new sturdy quart capacity fount and air draft equalizer, the latest improvement in combustion. Excells in fine appearance and lighting performance Dependable features combined into the construction are, standing bail; weather-proof dome; air draft equalizer for steady, storm-proof light; fluted globe plate for ventilating globe; easy globe lift; large filler; lead coated bottom double seamed to oil fount. Bright tin finish.

Per Dozen

No. B8-2T—Lanterns; fount capacity, 1 quart; will burn at normal flame, 45 hours; 1-inch wick; No. 2CB rising cone burner; new style Defiance globe; height bail down, 14½ inches; weight dozen, 39 lbs..... $20 00

Half dozen in a case.

DEFIANCE.

COLD BLAST, LONG GLOBE.

A leader in the long globe lantern class. Attractive design; new quart size fount; standing bail; water-proof dome; storm-proof combustion with air draft equalizer; globe ventilation by fluted globe plate; automatic locking lift lever; large filler; lead coated bottom. Bright tin finish.

Per Dozen

No. B8-2—Lanterns; fount capacity, one quart; will burn at normal flame, 45 hours; 1-inch wick; No. 2CB rising cone burner; Universal Defiance globe; height bail down, 15¼ inches; weight per dozen, 40 lbs.....$20.00

Half dozen in a case.

LITTLE DEFIANCE.

With small short globe it presents a compact and rugged appearance; though little in size it gives a bright steady light in any weather. Has standing bail; weather-proof dome; new improved combustion with air draft equalizer; fluted globe holder; positive locking lift lug; convenient oil filler; lead coated bottom. Bright tin finish.

CLEAR GLOBE.

Per Dozen

No. B8-1SC—Lanterns; fount capacity, 1 quart; will burn at normal flame 70 hours; ⅝-inch wick; No. 1 C. B. rising cone burner; Little Defiance globe; height bail down. 12¼ inches; bright tin finish; weight per dozen, 15 lbs. $14.50

RUBY GLOBE.

No. B8-1SR—Lanterns; ruby globe; otherwise same as No. B8-1SC..... 17.50

One dozen in a case.

DIETZ.

D-LITE.

Cold Blast, for Kerosene.

Bright tin; low frame; short Loc-Nob globe with wide apertures allows easy cleaning; all points strongly reinforced. Lighting power unexcelled. Standing bail; safety rising cone burner; top lift; globe and cone tip out; large oil filler; double seamed, solderless, dome shaped oil fount.

Per Dozen

No. B8-2DL—Lanterns; fount capacity, 32 ozs., will burn at normal flame 45 hours; height over all, 13½ inches; 10 candle power; 1-inch wick; Loc-Nob globe; shipping weight per dozen, 37 lbs.....$20.00

Half dozen in a carton.

BLIZZARD.

Cold Blast, for Kerosene.

Bright tin; fits all Loc-Nob globes; workmanship and material of the best; reinforced at every point; unexcelled in lighting power. Has standing bail, brass eyelets, safety wing lock rising cone burner, reinforced tubes, patent globe lift, large oil filler, double seamed solderless dome shaped oil fount.

Per Dozen

No. B8-2DB—Lanterns; fount capacity, 32 ozs., will burn at normal flame for 45 hours; height over all, 14¾ inches; 10 candle power; 1-inch wick; Loc-Nob globe; shipping weight per dozen, 38 lbs. $20.00

Half dozen in a carton.

LITTLE WIZARD.

Cold Blast, for Kerosene.

Bright tin. Little Wizard Loc-Nob globe. The little lantern with the big light. Possesses every feature that makes for the best in lanterns. Small size; big light; low frame; economical; dependable; will not blow out. Standing bail; safety wing lock rising cone burner; large oil filler; double seamed, solderless, dome shaped fount.

Per Dozen

No. B8-LW—Lanterns; fount capacity, at normal flame 30 hours; height over all, 11½ inches; 6 candle power; ⅝-inch wick; Loc-Nob globe; shipping weight per dozen, 24 lbs $14.50

One dozen in a carton.

NOTE—For Gasoline Pressure Lanterns see Page 1511.

DIETZ.

LITTLE GIANT.

Cold Blast, for Kerosene.

Bright tin; large oil container; furnishes a bright dependable light continuously for 70 hours in any kind of weather. An ideal lantern for highway and engineering contractors, requiring less service from lantern tenders. Has broad base and low center of gravity, making it next to impossible to blow over. Bottoms made from rust resisting terne plate, with Little Wizard Loc-Nob globe.

Per Dozen

No. B8-LG—Lanterns; clear globe; height, 11½ inches; ⅝-inch wick; 6 candle power; fount capacity, 32 ounces; shipping weight per dozen, 24 lbs. **$22.50**

No. B8-LGR—Lanterns; ruby globe, otherwise as B8-LG.. **26.50**

One dozen in a carton.

DEFIANCE.

Combines durable features in its simple construction. Protective wire guard securely holds long globe. Heavy wire globe lift operates easily in lug with up or down automatic catch. Double seamed bottom with lead coating.

Per Dozen

No. B8-OHB—Lanterns; fount capacity, one pint; will burn 30 hours; ⅝-inch wick; Universal Defiance globe; height, bail down, 13¼ inches; bright tin finish; gross weight per case, 27 lbs. **$11.85**

One dozen in a case.

TOLEDO.

Sturdily constructed of heavy steel for rugged resistance to the hardships of highway use.

Easy to operate, no parts to lose. Cast aluminum burner body heats quickly. Easy to light in windy weather. Weighted at the bottom and is self-righting from any position. It positively will not stay tipped over. Light in weight, rust-proof and easy to clean. Carrying ring with chain anchored securely on top of burner.

Per Dozen

No. B8-750—Torches; cast aluminum burner; wick, ¾-inch diameter; fount capacity, 3 quarts; burns 24 hours; fuel, kerosene or fuel oil; height over all, 8¼ inches; black enamel finish; weight per case, 18 lbs. **$30.00**

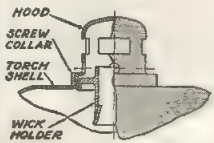
Three in a case.

Made in two halves of rolled and pickled deep drawn steel and welded together; cast iron counter balance pressed in the bottom absolutely prevents them from being knocked over; rights itself from any position. Used by state and country highway departments, cities, public utilities, road builders and progressive contractors everywhere. A ruling by the Michigan Public Utilities Commission requires all trucks and busses operating in Michigan at night, to carry two oil burning torches, to be placed around the vehicle when it stops on the highway. Has economy burner, ring handle for hanging up, black baked enamel finish

Per Dozen

No. B8-F—Torches; 20 gauge steel; capacity, 3 quarts; burns about 48 hours; approx. weight each, 5½ lbs. **$36.00**

Quarter dozen in a box.



ECONOMY BURNERS.

Meets every test, the harder the wind blows the better it burns; it will not blow out in heavy winds or rain.

Per Dozen

B8-Toledo Torch Burners; for No. B8-F Torches.. **$10.00**

ECONOMY BURNER HOODS.

Per Dozen

B8-Toledo Torch Burner Hoods; for No. B8-F Torches. **$3.60**

ECONOMY BURNER WICK HOLDERS.

Per Dozen

B8-Toledo Torch Wick Holders; for No. B8-F Torches. **$3.60**

WICKS.

Per Dozen

B8-Toledo Torch Wicks; for No. B8-F Torches. **$3.00**

DID YOU KNOW ?

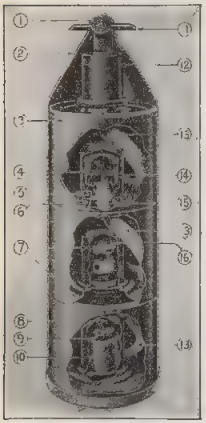
—that FARWELL, OZMUN, KIRK & CO. ships sheet metal products from its own factory in St. Paul to all parts of the WORLD

—that raw materials from all parts of the WORLD are constantly being received by FARWELL, OZMUN, KIRK & CO. for its paint and varnish factories.

HIGHWAY FLARES.

BOLSER.

Approved By Minnesota and Iowa States Highway Departments.



The Bolser flare has no equal. It cannot rattle or leak gas; it is water-proof and wind-proof and is easily handled when hot.

The three flares quickly assemble into one unit. It is always ready for instant use.

Gas-proof, eliminating all danger of asphyxiation when carried in the cab.

Burner tip designed to generate a gas from the wick, insures the utmost efficiency and increases enormously the resistance to wind. Assures perfect operation in rainy weather. Burns about 75 per cent gas and 25 per cent off the wick, giving long life to the wick.

The handle is designed so that the flares can be picked up when hot by simply setting one unit on top of the other. This extinguishes the flame. A quarter turn of the wrist seals each of the three units securely together. Units are carried in a rigid frame and are locked in place by a spring handle so they cannot rattle under any consideration. Holes are provided for a padlock.

Bolser's flares are designed so that they may be bolted into the cab, under the hood or on the dash, giving them permanent position. They are wear-proof.

Round flat top shape; capacity, approximately 2 pints per flare; kerosene fuel, burns approximately 12 hours; all weather shield and generator burner tip; ⅝-inch round wick; lacquer finish green flare and orange holder. Pressed steel holder bracket with spring locking device drilled for bolts.

Per set of 3 Flares

B8-Bolser Highway Flares—Diameter, 5 inches; height each flare, 6 inches; height of bracket over all, 16 inches; weight per set, 7 lbs. $4 50

WICKS.

Each

B8-Bolser Flare Wicks—For Bolser highway flares.... $0 24

RED HIGHWAY FLAGS.

The State Legislature of Minnesota enacted a law requiring trucks while operating on the highways to carry three flares and three red flags.

There are thousands of truckers who have not purchased flags.

The flags described below comply with the State ordinance. Suggest this item to all who may be interested.

Per Set of 3

B8-Highway Flags; red cloth flag; size 24x24 inches; attached to ¼-inch pointed rod; length of rod, 3 feet..... $1.60

LAMPS

HAND.

GEM.

Per Dozen

B8-Gem Hand Lamps—Glass fount; 7-inch tin reflector; No. 2 burner; No. 2 chimney; weight of case, 25 lbs..... $5.00

In bulk.

NIGHT, POLLYANNA.

POLISHED COPPER.

A tiny old fashioned oil lamp. Just the thing to place in the bed room. Not a toy, but a practical night lamp. Burns 9 hours on one filling of kerosene Made of highly polished copper. Shade matches lamp.

Per Dozen

No. 1500C—Pollyanna Lamps; height over all, 7½ inches; complete with shade; weight per carton of six, 2½ lbs..... $9.00

PASTEL COLORS.

In pastel colors green, blue and ivory. Burns nine hours on one filling.

Per Dozen

No. 1500—Night Lamps; height over all, 7¼ inches; complete as shown; weight per carton of six, 2 lbs $4.40

Sold in full cartons only.

2 each, green, blue and ivory, in a carton.

FOR POLLYANNA LAMPS.

Per Dozen

No. 732—Lamp Chimneys $1.08

No. 733—Lamp Burners 1.08

Per Gross

No. 734—Lamp Wicks..... $0.96

SHADES FOR POLLYANNA LAMPS.

Per Dozen

No. 1501—Pollyanna Lamp Shades; diameter, 4½ inches; stamped from light brass; finished in green, blue and ivory to match lamps; fits over top of chimney..$2.00

Each

A-137E—Air Cocks; ⅛ in., brass. $0.25
A-138E—Air Cocks; ¼ in., brass. .35
Approx. wgt. each, ⅛ lb.

DRAIN COCKS.

RADIATOR.

Each

A-41E—Drain Cocks; ⅛ inch, brass, lever handle..... $0 25
A-42E—Drain Cocks; ¼ inch, brass, lever handle ..... .35
Approx. wgt. each, ⅛ lb.
All above in bulk.

PRIMING CUPS.

STRAIGHT SHANK.

Each

A-5E—Priming Cups; ⅛ inch, short shank..... $0.35
A-6E—Priming Cups; ¼ inch, short shank..... .35
A-7E—Priming Cups; ⅛ inch, long shank..... .35
Approx. weight each, ⅛ lb.

ANGLE SHANK.

Each

A-12E—Priming Cups; ¼ in., angle shank..... $0.45
Approx. weight each, ⅛ lb.

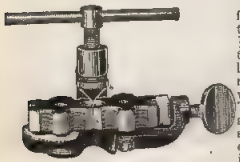
TUBE CUTTERS.

Here is the very latest thing in an efficient and quick operating tool for cutting ⅛ to ⅝-inch inclusive, copper, brass or steel tubing. It is small, compact, and very simple to handle.

Each

A-100 Copper Tubing Cutters..... $4 50

FLARING TOOLS.



This tool gives the proper flare and taper to copper tubing ⅛, ¼, ⅜, ½, ⅝ and ¾ inch outside diameter; takes six different sizes. No loose dies to become lost or mislaid. No vise necessary when you use this tool. Tubing can be clamped, flared and removed in less than 30 seconds. Wherever S. A. E. couplings are used, this tool is especially needed.

Each

No. A-80—Flaring Tools; for flaring copper tubing ⅛, ¼, ⅜, ½, ⅝ and ¾-inch..... $4.00

DIETZ "VOLUNTEER"

A practical extinguisher that is simple and easy to operate; has angle action pump that develops high compression that projects a stream of fluid 20 feet. Intended for gasoline, oil and electrical fires. There is no risk of stain or injury to fabrics nor harm to hands or face. All working parts are made of brass, It will not freeze.

Each

No. A-250—Volunteer Fire Extinguishers; size, one pint; red enamel finish; packed one to a box; weight, 2¾ lbs. $2.50

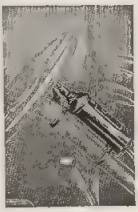
No. A-85—Volunteer Extinguisher Fluid; weight, 1¼ lbs..... .85

PYRENE.

For quantity price see page 3465.

PINT SIZE.

This extinguisher of 1-pint capacity, modeled after the 1-quart size, has special brackets for mounting on the steering post of the car. It will quickly extinguish any incipient fire in oil, gasoline, wood or upholstery. Non-freezing. Throws a steady, continuous, fire smothering stream from a safe distance.



Each

No. A-C11A—Pyrene Fire Extinguishers; 1-pint; brass finish; complete with bracket and fully charged ready for use..... $10.50
No. A-C14A—Pyrene Fire Extinguishers; 1-pint; chromium finish; complete with bracket and fully charged ready for use..... 12.50

1 AND 1½-QUART SIZE.

The most effective type for smothering all classes of fire in its incipient stage. Fires in inflammable liquid or electrical equipment. Ideal for protecting schools and homes; light enough for women and children to handle easily. The liquid does not deteriorate and will not injure delicate fabric. Use only genuine Pyrene fire extinguisher as other liquids may cause corrosion and make use on electrical fires dangerous.

The 1-quart and 1½-quart Pyrene are inspected and labeled by the Underwriters Laboratories and approved by Associated Factory Mutuals, the U. S. Steamboat Inspection Service and the Good Housekeeping Institute.

Each

No. A-C21—Pyrene Fire Extinguishers; 1 quart, brass finish; complete with bracket and fully charged ready for use..... $14.00
No. A-C24—Pyrene Fire Extinguishers; 1 quart, chromium plated; complete with bracket and fully charged ready for use..... 16.00
No. A-C31—Pyrene Fire Extinguishers; 1½ quart, brass finish; complete with bracket and fully charged ready for use..... 17.00
No. A-C34—Pyrene Fire Extinguishers; 1½ quart; chromium finish; complete with bracket and fully charged ready for use..... 19.00

FIRE EXTINGUISHERS.

PYRENE.

ONE GALLON PRESSURE TYPE.

For use by large industrials, public utilities, railroads and oil companies for protection of buses, motor trucks, boats, filling stations and all electrical equipment and wherever greater fire fighting capacity is needed. Passed by underwriters. Successful extinguishment often requires rapid application of a large volume of liquid. This extinguisher can be completely discharged in 55 seconds.

Each

No. A-C41 –Pyrene Fire Extinguishers; 1-gallon size, brass finish..... $70.00

No. A-C44—Pyrene Fire Extinguishers; 1-gallon size, chromium finish..... 74.00

TWO-GALLON PUMP TYPE.

A sturdily built extinguisher designed for use where additional capacity is needed for fighting such fires as electric arcs, gasoline, kerosene, grease, varnish, etc. It is especially adaptable for protection of electrical equipment in power houses and sub-stations, on electrical locomotives, electric cranes, and in industrial plants where there are large installations of electrical equipment. Labeled by underwriters and approved by the Associated Factory Mutuals.

Use only Pyrene Liquid, others may freeze, corrode and be dangerous on electric fires. Size, 7x24½ inches; shipping weight, 52 lbs.

Each

No. A-C93—Pyrene Fire Extinguishers; 2-gallon; polished copper..... $70.00

No. A-C94—Pyrene Fire Extinguishers; 2-gallon; chromium plated..... 74.00

PYRENE LIQUID.

This is the proper charge for all extinguishers bearing the trade name "Pyrene". Can also be used in any other make of vaporizing liquid type extinguishers. It is anti-freezing non-corroding and a non-conductor of electric current, consequently safe to use on electrical fires.

Use no other liquid as they may cause the extinguisher to corrode or be dangerous on electrical fires.

Each

No. A-CR1—Pyrene Liquid; pint can..... $0.75

No. A-CR2—Pyrene Liquid; quart can..... 1.50

No. A-CR4—Pyrene Liquid; gallon can..... 5.40

FIVE-GALLON PUMP TYPE.

The Accurate and Duragarde are alike, except the Accurate has a galvanized iron tank and the Duragarde has a sheet copper tank.

Ideal for farm property, lumber camps and yards, docks, ships, bridges, coal yards, cottages, warehouses and for brush fires. Can be made to stand 40° below zero weather.

Equipped with a mechanically perfected, double acting, non-syponing pump. Labeled by underwriters and approved by U. S. Steamboat Inspection Service.

Throws a steady powerful 45-foot stream.

Each

No. A-Accurate Pyrene Fire Extinguishers; 5-gallon galvanized tank; size, 9½x26½ inches; weight empty for shipping, 36 lbs.; includes anti-freeze charge to protect to 40° below zero $22.00

No. A-Duragarde Pyrene Fire Extinguishers; 5-gallon sheet copper tank; size, 9½x26½ inches; shipping weight, empty, 38 lbs.; includes anti-freeze charge to protect to 40° below zero 30.00

NON-FREEZING CHARGE.

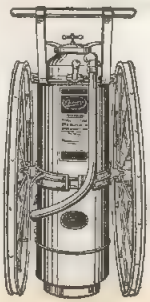
For use in the Accurate and Duragrade extinguishers to protect against freezing. These extinguishers discharge water only and must be protected against the coldest weather experienced in the territory it is to be used in.

To protect against 10° above zero, use two five-pound cans. For 10° below zero, use three five-pound cans. For 40° below zero, use four five-pound cans.

Per Can

No. A-5—Non-Freezing Pyrene Charge; 5-pound can.. $0.75

FIRE EXTINGUISHERS ON WHEELS.



Soda and acid or foam type chargers can be had in sizes from 10 gallons to 40 gallons. These units are mounted on wheels.

Units are made of the same quality as the balance of the Pyrene line and are inspected and labeled by the Underwriters Laboratories and other inspection companies.

Prices sent upon application.

FIRE EXTINGUISHERS.

PYRENE.

2½ GALLON FOAM TYPE, PHOMENE.

Blankets fire, particularly fires in oil, gasoline, naptha, tar, wax, grease, shellac and flammable solvents. This extinguisher is the only suitable one to install wherever quantities of materials of an oily or highly flammable character are used or stored. It is specified by ordinances for protection of oil burner heating systems. Releases 22 gallons of tough fire killing foam. The foam spreads rapidly over the burning surface, liquid or solid and cuts off the supply of oxygen, smothering the fire. The fire cannot re-ignite as the foam blanket is still there, a very important feature in extinguishing highly inflammable liquid fires.

Inspected and labeled by Underwriters Laboratories and approved by Factory Mutuals and U. S. Steamboat Inspection Service and the Factory Insurance Association.

Shipping weight, 26½ lbs.; 24 inches high. Requires annual inspection and recharging.

	Each
No. A-8B—Phomene Extinguishers; 2½-gallon; polished copper	$20.00
No. A-8C—Phomene Extinguishers; 2½-gallon; copper tank finished in chromium	23.00

FASTFOME.

Same design and intended for the same adaption, but not as fine a finish. It has been approved and will withstand the same test as the Phomene.

	Each
No. A-13F—Fastfome Extinguishers; 2½-gallon; polished copper	$18.00
No. A-14F—Fastfome Extinguishers; 2½-gallon; copper tank finished in chromium	21.00

"FOAM" TYPE CHARGE.

The proper charge for all extinguishers bearing the trade mark "Phomene". Insurance authorities require annual inspection and charging. Available in 2½, 10, 20 and 40-gallon sizes.

	Each
No. A-PXR1—Extinguisher Charge; for 2½-gallon size	$1.15
No. A-PR6—Extinguisher Charge; 40-gallon size	11.75

Dealers or concerns engaged in selling Pyrene products at retail, also those engaged in fire insurance business.

Large users such as public utilities, transportation companies, manufacturers and government including municipalities of over 250,000 population....Price on application

2½ GALLON SODA AND ACID TYPE, GUARDENE.

This extinguisher will extinguish incipient fires in free-burning materials, such as wood rubbish and textiles, where the cooling and quenching effect of water is of first importance. Will eject a stream 40 feet in any direction. It must be protected against frost.

The three container units, shell, dome and bottom, are constructed of first quality, cold rolled copper. All seams are thoroughly sweated and heavily backed with solder. The side seam is riveted in addition to soldering. As a safeguard against corrosion the interior is completely coated with a lead alloy. Each extinguisher is tested to withstand a pressure of 350 pounds.

To operate, tip upside down; to stop, turn right side up.

Inspected and labeled by Underwriters Laboratories and approved by U. S. Steamboat Inspection Service and Associated Factory Mutuals. Requires annual inspection and recharging.

Size, 24 inches high; shipping weight, 21 lbs.

	Each
No. A-3B—Guardene Extinguishers; 2½-gallon; polished copper finish	$17.00
No. A-4C—Guardene Extinguishers; 2½-gallon; copper tank finished in chromium	20.00

ESSANAY.

Identical to the Guardens in construction, operation and adaption, but has not as fine a finish.

	Each
No. A-5B Essanay Extinguishers; 2½-gallon; polished copper finish	$15.00
No. A-6C—Essanay Extinguishers; 2½-gallon; copper tank finished in chromium	18.00

"SODA ACID" TYPE CHARGER.

Suitable charge for all wet chemical soda and acid fire extinguishers. Compounded and packed to assure the most efficient use. Insurance authorities require annual inspection and recharging.

	Each
No. A-SR1—Extinguisher Charge; 2½ gallons	$0.55
No. A-SR2—Extinguisher Charge; 20 gallons	35.0
No. A-SR3—Extinguisher Charge; 40 gallons	5.00

KITCHEN CABINETS.

BOONE.

Helen Boone Cabinet.

Each

No. F-96G—Kitchen Cabinets; Helen Boone model; the most beautiful and complete cabinet in existence; absolutely nothing lacking for convenience and comfort for the housewife; designed from the personal suggestions of 369 women; the cabinet is 6 feet 1½ inches high and 3½ feet wide; depth of top, 11 inches; depth of base, 25 inches; some of the special features are the desk section, disappearing ironing board, card index for recipes, alarm clock, plate mirror in top door, electric light fixture, roller bearing porcelain top, extra electric socket, automatic daily reminder; metal bread box, pastry board, plenty of drawer space, lowering flour bin; stool shown not included, but may be had from factory; color, pearl gray enamel, striped green; approx. shipping weight, 200 lbs. **$79.50**

No. F-96B—Kitchen Cabinets; same as above, except waxed brown oak, black striped. **79.50**

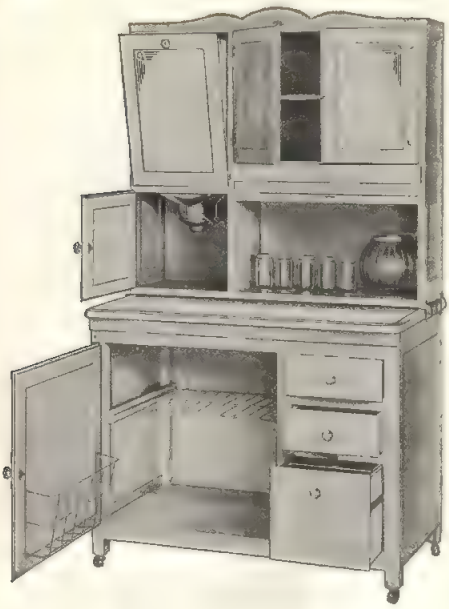
No. F-96S—Kitchen Cabinets; as above, except green enameled, orange striped. **79.50**

Each

No. F-47B—Kitchen Cabinets; genuine Boone; solid oak, finished dull brown waxed, handsomely striped with dead black; porcelain white extension top roller bearing; height, 5 feet 8 inches; width, 3 feet 5½ inches; depth of top, 11 inches; depth of base, 25 inches; enameled in compartment of top; disappearing roller curtain in front of glass ware compartment, cabinet has a lowering sifting flour bin of 25-pound capacity; glass sugar jar, glass tea and coffee canisters; full metal bread box; pull out cutting board and wire racks in base; a splendid, heavy cabinet; weight crated, 200 lbs. **$50.00**

No. F-47G—Kitchen Cabinets; same as above, excepting beautiful gray enamel throughout, striped with delft blue.. **45.00**

No. F-47.



Solid oak, soft light green stain finish. Sliding porcelain top, 25x40 inches. Height of cabinet, 70 inches; top section 11 inches deep. Tilting metal sifter, 50-pound flour bin. Full set of glass ware. Roll wood curtain front. Base has metal bread drawer and two utility drawers. Sliding wire racks in base cupboard.

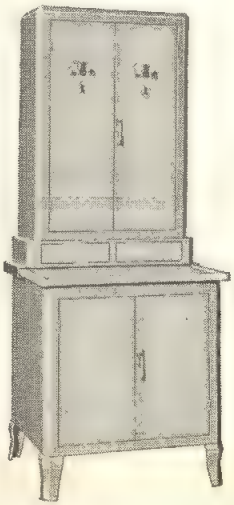
Each

No. F-12-C—Kitchen Cabinets $42.00

No. F-1—Kitchen Cabinets; same as above, except waxed golden natural oak finish..... 42.00

No. F-12-WE – Kitchen Cabinets; same as above, except white enameled..... 42.00

No. F-12-CO—Kitchen Cabinets; same as above, except old ivory waxed oak, new and fine.... 42.00



Each

No. F-2530—Kitchen Cabinets; a dandy sanitary, compact cabinet for the small space; all heavy gauge metal; enameled in green and ivory combination; size base, 25x30 inches; height, 72 inches; depth of base, 25 inches; depth of top, 12 inches; top section has two drawers and two shelves; bottom has large cupboard and space with shelf..... $33.00

No. F-2530-E—Kitchen Cabinets; same as above, except ivory finish..... 33.00

KITCHEN CABINETS.

BOONE.

The cabinets shown on these two pages are the famous genuine Boone cabinets, designed by 369 women. From the lowest to the highest price number they are beautifully made and equipped with unusual labor saving devices. The cabinet is one that is nationally advertised in the leading women's magazines and every women knows what a Boone cabinet is. The entire line is exceptionally well built and color schemes are unusual and especially attractive.

Each

No. F-86W—Kitchen Cabinets; oak, in the soft ivory color; porcelain iron table top; height of cabinet, 70 inches; width, 40 inches; depth of top, 11 inches; depth of base, 25 inches; interior neatly enameled; tilting sifter flour bin; 50 pound capacity; glass sugar bin; metal bread box; sliding wire rack in base; weight each, 150 lbs. **$36.00**

No. F-86G Kitchen Cabinets; same as above excepting beautifully enameled; in ivory and green combination... **36.00**

Each

No. F-37G—Kitchen Cabinets; Boone made; soft green and ivory enamel; enameled throughout except interior of base; height, 70 inches; width, 40 inches; depth of top, 11 inches; depth of base, 25 inches; metal sifter flour bin; full set crystal glass; enclosed with curtain front; porcelain extension table top; sanitary metal bread box; wire shelf in base cupboard and wire pan rack on base door..... **$39.50**

No. F-37W—Kitchen Cabinets; as above, except white enamel finish **39.50**

No. F-37-E—Kitchen Cabinets; as above except ivory oak; new and very effective..... **39.50**

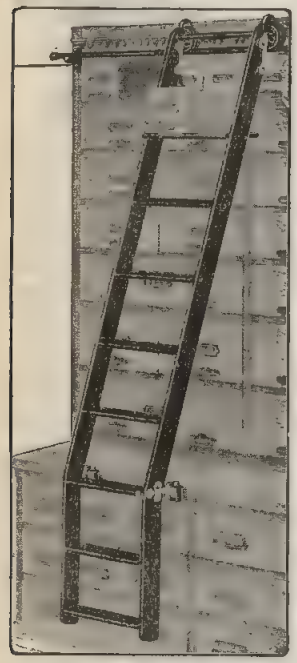
ROLLING STORE LADDERS

MILBRADT

Made to Order Only

Made in Various Styles to Fit All Kinds of Shelving; Shipped Complete, Ready to Install

Made of Hardwood Lumber, Highly Finished; Steps Dadoed into Sides and Screwed in a Most Thorough Manner; Brackets and Fixtures are Malleable Iron, Nicely Finished. These Ladders Take up Very Little Space and Run Without Noise or Friction, a Slight Push Will Propel Ladder the Length of An Ordinary Store; an Extra Wide Shelf at the Top of Each Ladder is Very Convenient in Handling Stock.



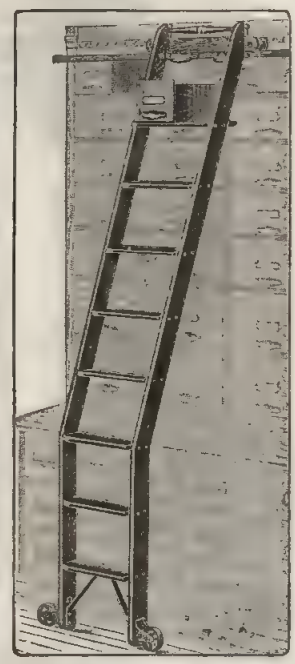
BENT LADDERS

For Track Fastened to Shelving Near the Top; Short, Fork Shaped Irons, With Rubber Rollers, Run Against the Edge of Wide Base Shelf; Runs on Round Steel Track.

Each

✣No. 1—Width, 17¼ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Complete With Fixtures; Average Shipping Weight Each, 50 lbs. **$40.00**

One in a Crate



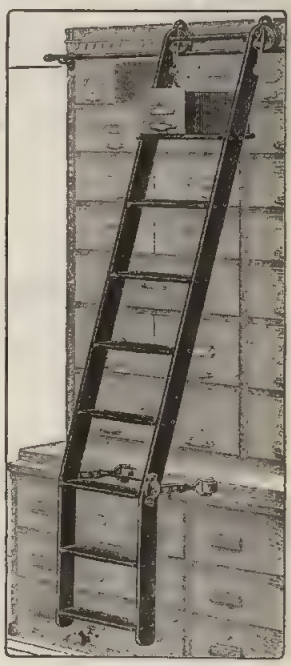
BENT LADDERS

For Shelving Which is Not Substantial; Weight of Ladder and Operator Rests on the Floor; No Track is Used on Floor; Top Adjustment Allows for Uneven or Sloping Floor; Floor Rollers are Cushion Tired; Runs on Special Hardwood Track, Only, to Guide Ladder.

Each

✣No. 2—Width, 17¼ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Average Shipping Weight Each, 50 lbs. **$40.00**

One in a Crate



BENT LADDERS

Runs on Track Fastened to Shelving Near the Top; Long Swinging Arms, With Rubber Rollers, Run Against the Edge of a Narrow Base Shelf; Arms are Made Any Length Necessary to Hold Ladder Out Proper Distance; Runs on Round Steel Track.

Each

✣No. 3—Width, 17¼ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Average Shipping Weight Each, 50 lbs. **$40.00**

One in a Crate

For Track, Brackets, Etc., See Page 2517

TO ORDER ABOVE LADDERS

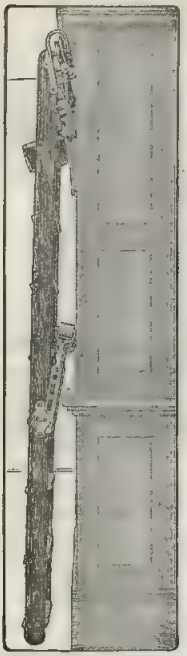
Give Height from Floor to Top of Base Shelf, Width or Projection of Base Shelf from Front Edge of Uprights, and Height from Top of Base Shelf to Top of Shelf to Which Track is to be Fastened; the Track Should be Fastened to a Shelf Between Two to Three Feet from Top of Shelving; When Ordering Ladder No. 2, Where Floor Slopes, State How Much it Slopes and State at Which End of Shelving Measurements Were Taken; if Ladders are Ordered for Odd or Irregular Shelving, it Will Greatly Assist if a Rough Sketch or End View of Shelving is Sent Us.

Items Marked ✣ Not Carried in Stock; Made to Order Only and Shipped F.O.B. St. Louis, Mo.

ROLLING STORE LADDERS

MILBRADT

Made to Order Only



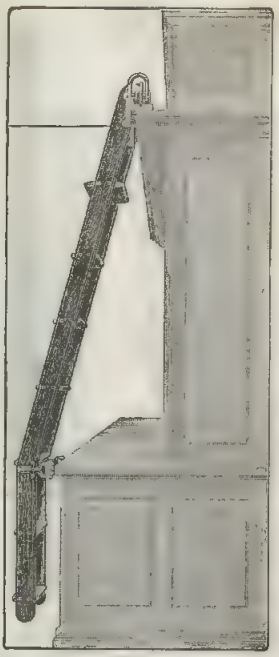
STRAIGHT LADDERS

For Track Fastened to Shelving Near the Top; this Ladder has Long Swinging Arms Attached and is for Use on Shelving with a Very Narrow or no Base Shelf, the Arms Holding the Lower End Out the Proper Distance for Convenient Climbing; the Arms are Made from 10 to 20 inches Long, and Have Rubber Rollers at the End Which Run Against the Ledge; If Ladder is to Hang Out Less than 10 inches, Stationary Arms are Used. Same as on the No. 1 Ladder on Previous Page; When Not in Use, the Swinging Arms Fold Out of the Way; When Ladder is to be Used, the Arms Swing into Place Automatically; Runs on Round Steel Track.

Each

✣**No. 4**—Width, 17¼ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Complete With Fixtures; Average Shipping Weight, Each, 50 lbs. **$38.00**

One in a Crate



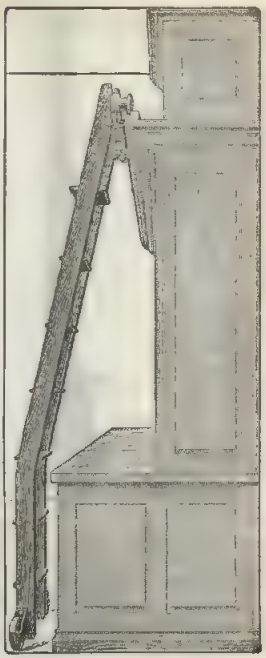
BENT LADDERS

For Flat Hardwood Track, Which is Screwed on Top of Original Low Shelving Which has Been Extended to the Ceiling; Fork Shaped Irons, with Rubber Rollers to Run Against Edge of Wide Base Shelf, are Attached Near Lower End of Ladder; Irons are Made Any Length Necessary to Hold Lower End of Ladder Out the Proper Distance for Convenient Climbing; the Hardwood Track is Dry Hard Maple and the Ladder Runs Noiselessly and Easily on it; the Track Will Last a Life Time.

Each

✣**No. 10**—Width, 17½ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Complete with Fixtures; Average Shipping Weight, Each, 50 lbs. **$40.00**

One in a Crate



BENT LADDERS

For Flat Hardwood Track, Which is Screwed on Top of Original Low Shelving Which Has Been Extended to the Ceiling; it Has Cushion Tired Wheels at the Lower End Which Run on the Floor; no Track is Used on the Floor; the Wheels at the Top Slide Up and Down to Allow Ladder to Adjust Itself to Uneven Floors; the Lower End of Ladder May be Set in Close to Shelving, Out of the Way, when Not in Use; Can be Used on Shelving, With or Without a Base Shelf.

Each

✣**No. 13**—Width, 17¼ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Complete with Fixtures; Average Shipping Weight, Each, 50 lbs. **$40.00**

One in a Crate

For Track, Brackets, Etc., See Page 2517.

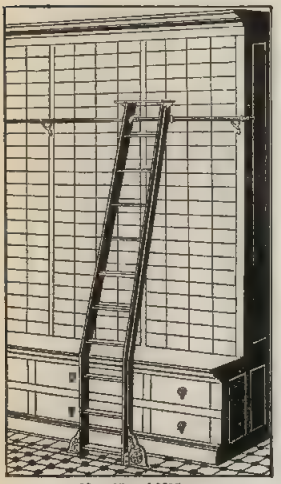
To Order Ladder No. 4—Give Exact Height from Floor to Top of Base Shelf, the Exact Width or Projection of Base Shelf, the Exact Height from Top of Base Shelf to the Top of Shelf to Which Track is to be Fastened; Track Should be Fastened to a Shelf Between Two to Three Feet Down from the Top.

To Order Ladders Nos. 10 and 13—Give Exact Height from the Floor to Top of Base Shelf, the Exact Width or Projection of Base Shelf, and the Exact Height from Top of Base Shelf to Top of Shelving or Cornice, on Top of Which Track is to be Fastened; Also State How Far Cornice of Shelving, on Top of Which Track is to Be Fastened, Projects Out Over Lower Part of Shelving.

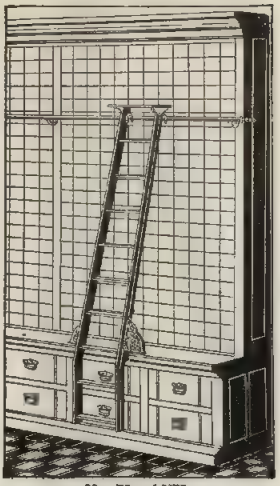
Items Marked ✣ Not Carried in Stock; Made to Order Only and Shipped F.O.B. St. Louis, Mo.

ROLLING STORE LADDERS

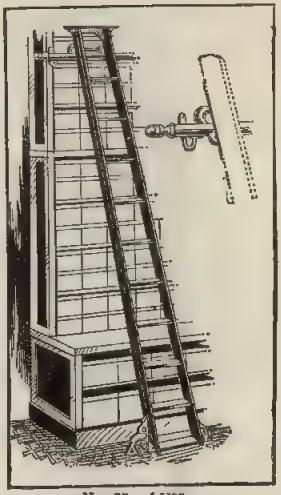
BICYCLE
MILBRADT
Made to Order Only



Nos. 65 and N65.
BENT FLOOR LADDERS



Nos. 75 and N75.
BENT BASE LADDERS,



Nos. 85 and N85.
STRAIGHT FLOOR LADDERS

Made of Selected Oak, Natural Finish, Varnished

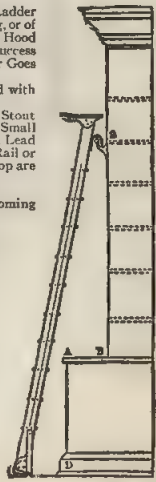
In These Styles the Track is at the Bottom, Either on the Base Shelf or on the Floor, So That the Entire Weight of the Ladder and Operator is **Supported** from Below on a Solid Foundation, and Not Suspended. Relieving All Liability of the Ladder Falling, or of Sagging the Shelving. The Track at the Top is a Light Turned Pole to Guide the Upper End of the Ladder in Moving it; Stout Hood Fit Over This Pole to Prevent the Ladder from Tipping Backwards, But Not a Pound of Weight Rests on This Pole. The Great Success of the Bicycle Ladder is in That **User Stands Directly over the Wheels** and There is **No Side Friction** at All, and the Ladder Goes as Easily as Any Other Bicycle.

The Ladders All Have an Extra Wide Shelf at the Top for Convenience in Handling Stock, and the Wheels are Provided with Fenders to Prevent Them from Running Over Any Object, However Small, That May Have Been Left in Their Way.

The Track for Bicycle Ladders is a Double Track. At the Upper Part of the Shelving a Neat Turned Pole is Attached by Stout Malleable Iron Brackets, Serving to Guide the Top of the Ladder, and at the Bottom on the Base Shelf or the Floor, is Fastened a Small Half-Round Rail on Which the Wheels Run, Guiding the Bottom of the Ladder. The Bottom Rail is Little Larger Than Half of a Lead Pencil and the Upper Guide is a Little More Than One inch in Diameter. The Lower Track May be Either "Noiseless" Fibre Rail or Smooth Steel Rail, Next to Noiseless, Finished Either in Bronze or Polished Nickel Plating. The Brackets Holding the Pole at Top are Either Nickel Plated or Japanned Finished.

The Track for the Floor is So Small (but Three-Sixteenths of an inch in Height) That it Can Cause No Inconvenience.

Both the Floor Track and the Base Shelf Bicycle Ladders Have a Simple Device Which Entirely Prevents Them from Coming Off the Track Unless They Are Lifted Off.



LADDERS ONLY	Each
✣No. 65—Bent Floor Style; Japanned Mountings	$40 00
✣No. N65—Bent Floor Style; Nickel Plated Mountings	44 00
✣No. 75—Bent Base Style; Japanned Mountings	40 00
✣No. N75—Bent Base Style; Nickel Plated Mountings	44 00
✣No. 85—Straight Floor Style; Japanned Mountings	38 00
✣No. N85—Straight Floor Style; Nickel Plated Mountings	42 00

Nos. 85 and N85 Ladder Do Not Require Floor Track.

LADDER TRACK ONLY	Per Foot
✣No. 5—Steel Lower Track; Bronzed; Complete With Wood Upper Track and Japanned Brackets Adapted to No. 65 Ladders	$0.60
✣No. N5—Steel Lower Track; Nickel Plated; Complete With Wood Upper Track and Nickel Plated Brackets; Adapted to No. N65 Ladders	.80
✣No. 7—Noiseless Ebony Lower Track; Complete With Wood Upper Track and Japanned Brackets; Adapted to No. 75 Ladders	.70
✣No. N7—Noiseless Ebony Lower Track; Complete With Wood Upper Track and Nickel Plated Brackets; Adapted to No. N75 Ladders	.80
✣No. 9—Wood Upper Track; Complete With Japanned Brackets; Adapted to No. 85 Ladder	.60
✣No. N9—Wood Upper Track; Complete With Nickel Plated Brackets; Adapted to No. N85 Ladders	.70

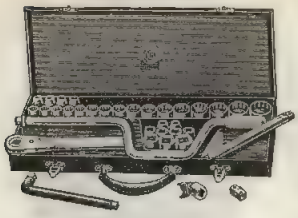
One in a Crate

HOW TO ORDER BICYCLE LADDERS

Refer to Cut at Side of This Page and Give the Following Measurements: D to A; A to B; and B to S. State Which Number Ladder is Desired; Whether Plain or Nickeled Plated Mountings are Required. State Length of Track Wanted and the Number of Uprights in the Shelving, and Say Whether Solid Uprights, Partition Boards, Turned Spindles or Iron Brackets are Used to Support the Shelving.

Items Marked ✣ Not Carried in Stock; Made to Order Only and Shipped F. O. B. St. Louis, Mo.

WRENCH SETS
NEW BRITAIN



Auto Mechanics' Set

This Set has been Specially Designed to Meet the Requirements of the Auto Mechanic Who Must Take Care of a Great Variety of Jobs With a Limited Number of Tools.

All the Sockets are Made to Fit the ½ inch Square Standard Drive.

Made from Special Analysis, Carefully Selected Steels, Heat Treated Properly, Hardened and Heavy Bright Cadmium Plated. In Heavy Gauge, Hinged Cover Metal Box, 19x7x1⅝ inches, Electrically Welded Throughout; Equipped with Brass Plated Hinges and Catches and Finished in Olive Green Baked Enamel; Case Provided with Genuine Leather Form Fitting Handle.

Contents

20—12 Point Broached Sockets; One Each of Following Sizes; 5/16, 11/32, 3/8, 7/16, 1/2, 17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1⅛ and 1¼ inch.

9—Square Broached Sockets; One Each, ⅜, 7/16, ½, 9/16, 5/8, 11/16 and ¾ inch.

1—Long Speeder.
1—Ratchet Handle.
1—Short Extension.
1—Long Extension.
1—Valve Grinder.
1—Ell Handle.

Per Set

No. NB535—35 Piece Set as Above; Weight per Set 14½ lbs. **$7.20**

One Set in a Box

Emergency Set

These Sockets and Handle will Fit Any Other Tools Having the Standard ½ inch Drive; They are Made from Selected Special Analysis Steel, Heat Treated and Hardened, Burnished and Bright Cadmium Plated; Packed in Heavy Gauge Hinged Cover Metal Box, 11⅛x2⅜x1½ inches, Finished in Green Baked Enamel.

Contents

10—12 Point Broached Sockets; One Each, 7/16, ½, 9/16, 19/32, 5/8, 11/16, ¾, 25/32, 13/16 and ⅞ inch.

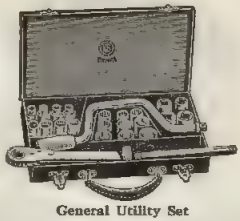
1—Combination Ell and Tee Handle.

Per Set

No. NB511—11 Piece Set as Above; Weight per Set, 4 lbs. **$2.50**

One Set in a Box

WRENCH SETS
NEW BRITAIN



General Utility Set

This Set Contains the Sockets and Tools Called for in the Garage or Workshop; All with ½ inch Square Standard Drive; Interchangeable with Any Standard Wrench Set; Made from Special Analysis, Selected Steel, Bright Finish, Heavy Cadmium Plated; in Heavy Gauge Hinged Cover Metal Box, 13x7x1⅝ inches, Electrically Welded Throughout; Brass Plated Hinges and Catches, Finished in Olive Green Heavy Baked Enamel, with Genuine Leather Form Fitting Handle.

Contents

17—Heavy Duty, 12 Point Sockets; One Each, 5/16, 11/32, 3/8, 7/16, ½, 17/32, 9/16, 19/32, 5/8, 21/32, 11/16, ¾, 25/32, 13/16, ⅞, 15/16 and 1 inch.

4—Heavy Duty Square Sockets; One Each, ½, 5/8, 11/16 and ¾ inch.

1—Short Speeder.
1—Ratchet Handle.
1—Short Extension.
1—Long Extension.

Per Set

No. NB525—25 Piece Set as Above; Weight per Set, 10½ lbs. **$6.00**

One Set in a Box

Ford Set

Contains the Correct and Necessary Sizes of Sockets and Handles for All Work on Ford Cars; All Machined from Special Analysis Selected Steels, Heat Treated and Carefully Hardened; Heavy Bright Cadmium Plated Finish; Openings are ½ inch Square Standard Interchangeable with any Standard Wrench Set; In Heavy Gauge Metal Box, 9¾x4¼x1¼ inches, with Hinged Cover, Electrically Welded Throughout and Finished in Heavy Olive Green Baked Enamel Finish

Contents

14—12 Point Heavy Duty Sockets; One Each, 11/32, 3/8, 7/16, ½, 9/16, 19/32, 5/8, 21/32, 11/16, ¾, 13/16, ⅞ 15/16, and 1⅛ inch.

3—Square Heavy Duty Sockets; One Each ⅜, 7/16 and ½ inch.

1 Combination Ell and Tee Handle.
1 -Ratchet Handle.
1—Screw Driver Socket.
1—Short Extension.
1—Pair 6 inch Drop Forged Hardened Steel Pliers.

Per Set

No. NB522F—22 Piece Set as Above; Weight per Set, 7 lbs. **$4.70**

One Set in a Box

WRENCH SETS
NEW BRITAIN

Chevrolet and Plymouth Set

Compact and Adaptable by its Many Combinations, for All Classes of Work this Set Fills a Real Need for the Car Owner or Individual Mechanic; Machined from Special Analysis Selected Steels, Heat Treated, Hardened and Finished in Bright Cadmium Plate; In a Heavy Gauge Strong Hinged Cover Box, 9¾x4¼x1¾ inches, Electrically Welded Throughout and Finished in Olive Green Baked Enamel; All Tools are Made with Standard ½ inch Square Drive, Interchangeable with any Standard Tools.

Contents

15—12 Point Heavy Duty Sockets; One Each, 11/32, 3/8, 7/16, 3/8, 9/16, 19/32, 5/8, 11/16, ¾, 13/16, ⅞, 15/16, 1, 1⅛ and 1⅛ inch.

3—Square Heavy Duty Sockets; One Each, ⅜, 7/16 and ½ inch.

2—Solid and Drain Plug Sockets; One Each, 5/16 and 7/16 inch.

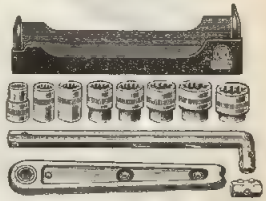
1—Heavy Duty Ratchet Handle.
1—Heavy Duty Short Adapter.
1 -Special Combination Ell and Tee Handle.
1—Heavy Duty Screw Driver Socket.

Per Set

No. NB524—24 Piece Set as Above; Weight per Set, 8 lbs. **$5.50**

One Set in a Box

SOCKET WRENCHES
NEW BRITAIN



Cut Shows Actual Size of ¾ inch Socket.)

With Double Hex Sockets
Cadmium Plated

Consists of Eight Double Hex Broached Sockets (12 Point); Extra Deep and Extra Quality, Machined to Fit; Socket Sizes are 7/16, ½, 9/16, 5/8, 11/16, ¾, 7/8, and 15/16 inch; an "L" Handle of ½ inch Hexagonal Steel; a Short Adapter; a Sturdy, Positive Ratchet Handle and a Convenient and Compact Steel Container, Complete.

Per Set

No. NB8001—Weight per Set, 2½ lbs. **$1 90**

One Set in a Container

SOCKET WRENCHES

NEW BRITAIN

(Cut Shows Actual Size of ¾ inch Socket)

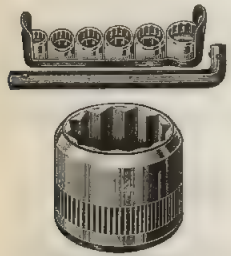
With Double Hex Sockets

Consists of Eight Double Hex Regular Heat Treated Sockets, Socket Sizes: ½, ⅝, ¾, 11/16, ¾, 13/16, ⅞ and 1 inch; an "L" Handle of ½ inch Hex Steel, 9¾ inches Long; a Ratchet Handle, 8 inches Long; and a Short Adapter, 1 inch Long; All Bright Cadmium Plated; in Steel Container with Round Ends; Red Enamel Finish.

Per Set

No. NB1801—Weight Each, 2½ lbs.....**$1.90**

One Set in a Steel Container



(Cut Shows Actual Size of ¾ inch Socket)

With Double Hex Sockets

Cadmium Plated

Consists of Six Double Hex Broached Sockets (12 Point); Sizes, ⅞, ¾, 11/16, ⅝, ⅞ and ½ inch; a ½ inch Hexagon "L" Handle, 7½ inches Long and the New Rounded End Rigid Steel Container, the Handle Locks the Sockets in the Container; Red Enamel Finish.

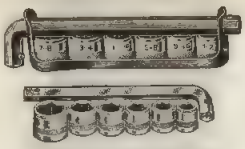
Per Set

No. NB1001—With Sockets and Handle in Metal Container; Weight per Set, 1¼ lbs. **$0 90**

One Set in a Container

SOCKET WRENCHES

NEW BRITAIN



With Regular Hex Sockets

Consists of Six Regular Hex Heat Treated Sockets; Sizes, ½, ⅝, ⅝, 11/16, ¾ and ⅞ inch; a ½ inch Hexagon "L" Handle, 7½ inches Long; All Bright Cadmium Plated and in the New Rounded End, Rigid Steel Container; the Handle Locks the Sockets in the Container; Red Enamel Finish.

Per Set

No. NB1000—With Sockets and Handle in Metal Container; Weight per Set, 1¼ lbs.....**$0.90**

One Set in a Container

With Double Hex Sockets

In Metal Case

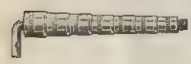
This Set of Six Sockets Fits the Nuts and Cap Screws Most Often Removed on Any Make of Car; Packed in a Strong Metal Box, Hinged at One End; Box has Red Enamel Finish.

Double Hexagon Socket Openings ½ inch, ⅜ inch, ⅝ inch 11/16 inch, ¾ inch, and ⅞ inch. "L" Handle, ½ inch Hex, 7½ inches Long.

Per Set

No. NB31—With Sockets and Handle; Weight per Set, 2 lbs.....**$1.10**

Twelve Sets in a Display Carton



Ignition and Magneto Set

Seven Ignition and Magneto Heat Treated Hexagon Broached Sockets: Sizes, ¼, 5/16, 11/32, 3/8, 7/16 and ½ inch, and one Internal Knurled Socket; One Ell Handle, ¼ inch Hex, 5 inches Long; All Mottled Finish.

Per Set

No. NB77—Seven Sockets Strung on Handle; Weight per Set, 11 ozs.....**$0.60**

Loose

COTTER PIN ASSORTMENTS

The Ideal Assortment of Automobile Sizes of Cotter Pins; Packed in a Small Screw-top Box and Labeled with Our Bridge Brand; Each Box Contains 100 Cotter Pins of Assorted Sizes from ⅛x½ to ⅛x1½ inches, the Best Sizes for Automobile Requirements.

Per Dozen

No. B112—Contains One Dozen Boxes, Packed in an Attractive Display Carton .**$1.70**

One Dozen in a Carton

Per Assortment

No. B100—Contains 100 Spring Cotters; 20 Each ⅛x½, ⅛x¾, ⅜x1, ⅜x1¼ inches and 10 Each ⅛x1, ⅛x1½ inches; Weight per Assortment, ¼ lb..... **$0.15**

One Assortment in a Box

LOCK WASHERS

Type B—Plain Pattern Automobile Assortment

Per Dozen Cans

No. B25LW—Contains 25 Assorted Lock Washers as Follows: Two Each, No. 6 Bolt Size, Five Each ¼ inch, 5/16 inch and ⅜ inch, Three Each 7/16 inch and ½ inch Two Each ⅝ inch; Weight per Can, ¼ lb.**$3 00**

One Assortment in a Screw Top Can

NEW BRITAIN WRENCHES

All New Britain Wrenches are Made from Special Analysis, Selected Steel, Heat Treated and Hardened; Finished in Bright Cadmium and are Fully Guaranteed by the Manufacturer Against Defects in Workmanship and Materials.

Heavy Duty Short Speeder

Made from ⅛ inch Steel, 13 inches Long Over All; Knurled Revolving Handle, 15/16 inch in Diameter by 2⅛ inches Long; ½ inch Square Lock on Lug; Finished in Bright Cadmium.

Each
No. SP12650—Weight Each, 1¼ lbs....$0.70
Twelve in a Carton

Heavy Duty Long Speeder

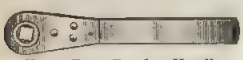
Made from ⅛ inch Steel, 19 inches Long Over All; Knurled, Revolving Handle, 11/16 inch in Diameter by 2⅞ inches Long; ½ inch Square Lock on Lug; Finished in Bright Cadmium.

Each
No. SP12660—Weight Each, 1¾ lbs....$0.80
Twelve in a Carton

Combination Ell and Tee Handle

Handle 11/16 inch in Diameter by 9 inches Long; the Sliding Head is 1¼ inch in Diameter by 2½ inches Long; One End Broached to Take Any Standard ½ inch Square Handle or Adapter; the Other End Equipped with a ½ inch Square Plug.

Each
No. SP12645—Weight Each, 1¼ lbs.....$0 80
Twelve in a Carton



Heavy Duty Ratchet Handle

A Solid Steel Handle and Specially Heat Treated Ratchet and Pawl; It is 9 inches Long and Has a Standard ½ inch Square Opening.

Each
No. SP12654—Weight Each, 1 lb.....$0 80
Twelve in a Carton

Heavy Duty Ell Handle

Made from ⅝ inch Round Steel, 7¾ inches Long; Both Ends Milled to Standard; ½ inch Square and Equipped with Friction Ball and Spring.

Each
No. SP12674—Weight Each, ¾ lb.....$0.40
Twelve in a Carton

Heavy Long Duty Extension

Made from ⅝ inch Round Steel, 7¾ inches Long; Both Ends Milled to the Standard ½ inch Square and Equipped with Friction Ball and Spring.

Each
No. SP12649—Weight Each, ¾ lb.....$0 35
Twelve in a Carton

Heavy Duty Short Extension

½ inch Square by 1¼ inches Long, with Friction Ball and Spring on Each End.

Each
No. SP12648—Weight Each, 2 ounces....$0 20

Twelve in a Carton

One End Milled to ½ inch Square and Equipped with Friction Ball and Spring; the Other End has an Opening with Slotted Sides to Take Any Alemite Fitting.

Heavy Duty Alemite Fitting Socket

Each
No. SP12675—Weight Each, 1½ ozs....$0.30
Twelve in a Carton

Screw Driver Socket

Made From 15/16 inch Steel, 1⅝ inches Long; Accurately Machined; One End Broached for a Standard ½ inch Square Handle or Adapter; the Other End Formed into a Screw Driver Blade, 5/16 inch Wide.

Each
No. SP12640—Weight Each, 2½ ozs....$0.35
Twelve in a Carton

Drain Plug Sockets

Solid End Drain Plug Sockets.

Each

No. SP12630—⅜ inch Square	$0 20
No. SP12631—7/16 inch Square	.20
No. SP12632—½ inch Square	.20
No. SP12633—9/16 inch Square	.20
No. SP12634—⅝ inch Square	.20
No. SP12635—¾ inch Square	.20

Weight Each, 2 ozs.
Twelve in a Carton

Valve Grinder Attachment

One End Broached to Fit Any Standard ½ inch Square Handle or Adapter, at the Other End are Three Hardened Steel Adjustable Blades and Two Adjusting Screws.

Each
No. SP12636—Weight Each, 3 ozs.....$0 35
Twelve in a Carton

Universal Joint

Made from 1⅛ inch Steel, 2¼ inches Long; Both Ends Broached to Take Any ½ inch Square Standard Handle or Adapter.

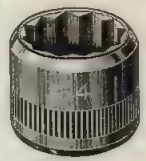
Each
No. SP12641—Weight Each, 6½ ozs....$0 70
Twelve in a Carton

Square Sockets

All Broached for ½ inch Standard Square Handle or Adapter.

	Each
No. SP12620—5/16 inch Square	$0 20
No. SP12621—11/32 inch Square	.20
No. SP12622—⅜ inch Square	.20
No. SP12623—13/32 inch Square	.20
No. SP12624—7/16 inch Square	.20
No. SP12625—15/32 inch Square	.30
No. SP12626—½ inch Square	.30
No. SP12627—17/32 inch Square	.30
No. SP12628—9/16 inch Square	.30
No. SP12629—19/32 inch Square	.30

Weight Each, 2½ ozs.
Twelve in a Carton



12 Point Sockets

All Broached for ½ inch Standard Square Handle or Adapter.

	Each
No. SP12600—5/16 inch, 12 Point	$0 20
No. SP12601—11/32 inch, 12 Point	.20
No. SP12602—⅜ inch, 12 Point	.20
No. SP12603—7/16 inch, 12 Point	.20
No. SP12604—½ inch, 12 Point	.20
No. SP12605—17/32 inch, 12 Point	.20
No. SP12606—9/16 inch, 12 Point	.20
No. SP12607—19/32 inch, 12 Point	.20
No. SP12608—⅝ inch, 12 Point	.20
No. SP12604—21/32 inch, 12 Point	.20
No. SP12609—11/16 inch, 12 Point	.20
No. SP12610—23/32 inch, 12 Point	.20
No. SP12611—¾ inch, 12 Point	.20
No. SP12612—25/32 inch, 12 Point	.20
No. SP12613—13/16 inch, 12 Point	.20
No. SP12614—27/32 inch, 12 Point	.30
No. SP12615—15/16 inch, 12 Point	.30
No. SP12616—31/32 inch, 12 Point	.30
No. SP12617—1 inch, 12 Point	.35
No. SP12662—1 1/16 inch, 12 Point	.35
No. SP12618—1 1/32 inch, 12 Point	.35
No. SP12666—1 3/16 inch, 12 Point	.35
No. SP12619—1¼ inch, 12 Point	.35

Weight Each, 3½ ozs.
Twelve in a Carton

SADDLES

TEXAS

Steel Fork Tree—15-inch Seat; 13-inch Swell Fork. **Laced Hood Skirts**—13½x26½-inch, Felt Lined. **Fenders**—8½x16 inch, Double and Stitched. **Stirrup Leathers**—2¾-inch, with Extra Lining Around Stirrups. **Tie Straps**—1½-inch to Tie off. **Buckle Billets**—1¾-inch to Buckle. **Girths**—4-inch Hair. **Stirrups**—2-inch Brass Band; Fenders Laced to Stirrups Leathers. Stamped Decorations.

Each

No. 2107—Weight Each, 35 lbs.... **$75.50**

One in a Carton

TEXAS

Steel Fork Tree—14-inch Seat; Leather Covered Horn; 10-inch Swell Fork. **Skirts**—12x20½-inch, Wool Lined. **Fenders**—7x13-inch. **Stirrup Leathers**—1½ inch; Extra Lining Around Stirrups. **Tie Straps**—1-inch to Tie. **Girths**—4-inch Cotton. **Stirrups**—2-inch Ox Bow; Embossed Border. **Tree**—14x10-inch; Seat and Jockey, One-Piece.

Each

No. 1485—Weight Each, 22 lbs.... **$44.00**

One in a Carton

SADDLES

TEXAS

Steel Horn—Leather Covered; 14½ inch Seat Tree, 10-inch Swell. **Skirts**—12x24-inch, Felt Lined. **Fenders**—8x15-inch. **Stirrup Leathers**—2-inch; Extra Lining Around Stirrups. **Tie Straps**—1½-inch, to Tie off. **Billets**—1¾-inch to Buckle. **Girths**—14-Strand Cotton. **Stirrups**—2-inch Wood. Seat and Jockey in One Piece.

Each

No. 680—Weight Each, 27 lbs..... **$56.50**

One in a Carton

TEXAS

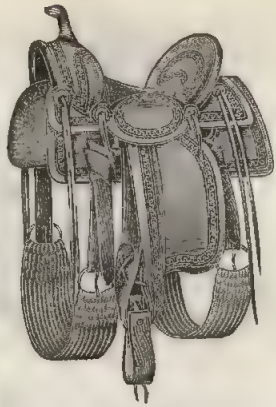
Steel Fork Tree—14-inch Seat; Leather Covered Horn, Seat and Jockey One Piece; 1¾-inch Solid Front Strap; 1¾-inch Solid Back Strap; Cheyenne Cantle, **Skirts**—21½x11-inch, Felt Lined. **Fenders**—14x7½-inch. **Stirrup Leathers**—1¼-inch. **Tie Latigoes**—1¼-inch. **Girths**—16-Strand Cotton. 2-inch Ox Bow Stirrups. 14x10-inch Tree.

Each

No. 307—Weight Each, 22 lbs..... **$42.00**

One in a Carton

SADDLES



WESTERN

Steel Fork Tree—61-inch Seat; 14-inch Swell Fork; Laced Hood. **Skirts**—13½x28-inch; Sheep Wool Lined. **Fenders**—9¼x17½-inch. **Stirrup Leathers**—3-inch Wide, Laced; Extra 3-inch Lining Around Stirrups. **Latigoes**—1¾-inch to Tie Off. **Billets**—2-inch Wide, to Buckle; Beaded Cantle. **Girths**—20-inch Strand Hair. **Stirrups or Bow**—½x28 inch Rope Straps. **Back Cantle Straps**—2x24-inch. Made of Heavy Fair Skirting.

Each

No. 313—Weight Each, 39 lbs. **$84.00**

One in a Carton

McCLELLAND

Tree—16-inches; Full Leather Covered.

Inside Measurement—11½-inch.

Fenders—7½x12-inch.

Skirts—12x12½-inch.

Stirrups—3-inch; Leather Covered.

Sling Straps—1¼-inch.

Stirrup Leathers—1¼-inch.

Shawl Straps—⅝-inch.

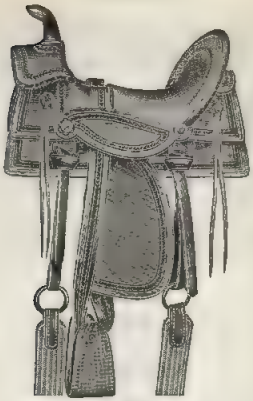
Girth—3-inch Cotton, with Rings; Made in Fair Leather.

Each

No. 66F—Weight Each, 16 lbs..... **$26 00**

One in a Carton

SADDLES

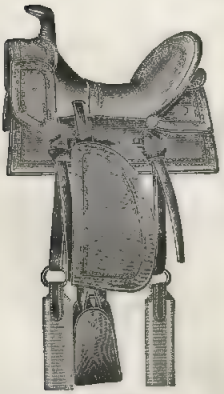


MORGAN

Steel Fork Tree—14 inch Seat, Full Leather Covered. **Skirts**—11x21 inch. **Fenders**—7¾x14 inch. **Sling Straps**—1½ inch, with 1⅛ inch Tie Straps; 16 Strand Cotton Girths; 4 inch Wood Stirrups; 1¼ inch Stirrup Leathers; 14 inch Tree.

Each

No. 806—Weight Each, About 21 lbs....**$34.00**
One in a Carton



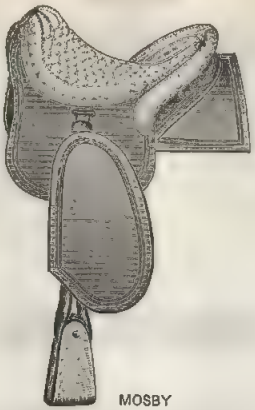
MORGAN

Morgan Tree—13 inch Seat, Double Rig, Full Leather Covered. **Skirts**—8x19 inch. **Fenders**—7x14 inch. **Sling Straps**—1½ inch, with 1 inch Double Tie Straps; 1 inch Stirrup Leathers; 4 inch Wood Stirrups; Web Girths with Rings; 13 inch Tree.

Each

No. 804—Weight Each, 14 lbs.....**$29.50**
One in a Carton

SADDLES

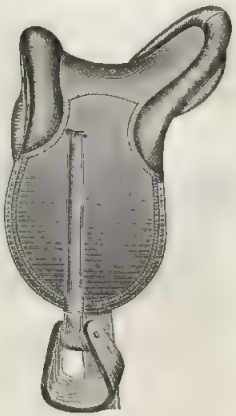


MOSBY

Mosby Tree—12½ inch; Seat, Star Stitched and Raised; Girths Corded, to Tie. **Stirrup Leathers**—1¼ inch. **Stirrups**—4 inch, Wood. **Fenders**—8x14 inch. **Full Underskirts**, with Housings—12x22 inch; Fair Skirting and Seating Leather.

Each

No. 55—Weight Each, 20 lbs.....**$43 50**
One in a Carton



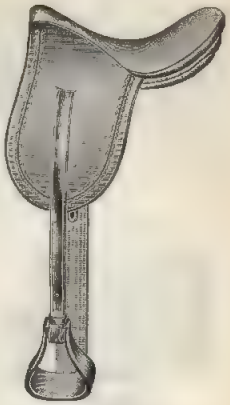
MOSBY

Tree—17 inch, Deep Seat; Broad Cantle Somerset; Double Gullet Iron. **Skirts**—24 inch; 12¾ inch Wide. **Pad**—Full Leather, Top and Bottom. **Seat**—Plain, Solid; No Seam in Center. **Girth Rigging**—1¼ inch. **Stirrup Leathers**—1¼ inch. **Girth**—Corded Web, to Buckle. **Stirrups**—4 inch Solid Bent Wood. Made of Red Oregon Skirting Leather,

Each

No. 400—Weight Each, 21 lbs.....**$42.00**
One in a Carton

SADDLES



SOMERSET

Tree—16 inch; Cloth Pad Hair Stuffed.

Skirts—9½x12½ inch.

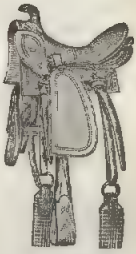
Stirrup Leathers—⅞ inch.

Girths—3 inch Cotton, to Buckle.

Stirrups—3 inch Wood. Fair Leather.

Each

No. 82—Weight Each, About 11 lbs....**$14 50**
One in a Carton



BOYS

Horn, Morgan Tree—Leather Covered; Leather Covered Bars; Double Ring; 11 inch Seat.

Skirts—13x5 inch.

Fenders—6x10 inch.

Stirrup Leathers—⅞ inch Wide, to Buckle.

Tie Straps—⅞ inch Wide, to Tie.

Girths—14 Strand Cotton.

Stirrups—2½ inch.

Each

No. 1261—Weight Each, 11 lbs.....**$13.80**
One in a Carton

1843—SHAPLEIGH'S NINETY-TWO YEARS OF HONORABLE SERVICE—1935

SHAPLEIGH'S

TRADE MARK REGISTERED

ESTABLISHED 1843
ST. LOUIS, U.S.A.

IN THE U. S. PAT. OFFICE

SERVICE WITH SYSTEM BUILT FOR SPEED

SADDLERY AND HARNESS

QUALITY SECURED FROM MATURED SCHOOL OF EXPERIENCE

THE chief essentials of Saddlery and Harness which will sell readily and give entire satisfaction are High Quality Leather and High Class Workmanship.

SHAPLEIGH'S Saddlery and Harness is made of the best grades of material by expert workmen and fully deserves the excellent reputation it enjoys in the trade. Perhaps the most noteworthy group in this Department is the Collar Line. Mike Kinney Horse Collars have won National recognition by the unchallenged superiority of design, quality and long service which distinguishes them. SHAPLEIGH'S NORLEIGH DIAMOND Horse Collars occupy a similar position in the estimation of well informed dealers.

Much care and attention has been devoted to the line of strap work --- no useful detail has been overlooked --- the selection of Harness Sundries covers all normal requirements.

"DIAMOND EDGE IS A QUALITY PLEDGE" REGISTERED IN THE U.S.P. AT. OFF.

ADJUSTABLE IRON PLANES

STANLEY "BAILEY"

The Plane Iron or Cutter

Cutting edge made of crucible steel of extra high carbon content. Remainder of cutter made from a lower carbon crucible steel and acts as a backing for cutting edge. Both parts are welded together when originally cast in the ingot. They positively cannot be separated.

Construction permits use of a higher carbon content steel for cutting edge than is practical in any other construction. Soft backing of steel yields readily to pressure of cap and lever and permits a firmer seat on frog. Easier honing or grinding is possible than if entire bevel was high carbon steel.

In the heat treatment the utmost care is used. All cutters are individually hardened and tempered.

Materials and Finish

Iron bodies, japanned inside, polished bottom and sides, rosewood handle and knob, cutters adjustable endwise and sidewise.

WITH SMOOTH BOTTOMS

Smooth

Each

No. 4—9 in. long, cutter 2 in. wide; wt. each 3¾ lbs.....$7.40

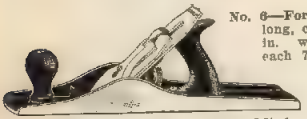
Jack

Each

No. 5—14 in. long, cutter 2 in. wide; wt. each 5 lbs. $8.40

Fore and Jointer

Each



No. 6—Fore; 18 in. long, cutter 2⅜ in. wide; wt. each 7 lbs. ...$11.60

No. 7—Jointer; 22 in. long, cutter 2⅜ in. wide; wt. each 8 lbs. 14.40

No. 8—Jointer; 24 in. long, cutter 2⅜ in. wide; wt. each 9½ lbs 16 80

WITH CORRUGATED BOTTOMS

Smooth

Each

No. 4C—9 in. long, cutter 2 in. wide; wt. each 3¾ lbs.....$7.80

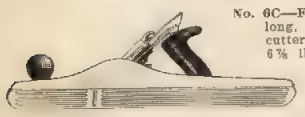
Jack

Each

No. 5C—14 in. long, cutter 2 in. wide; wt. each 4¾ lbs. $8.80

Fore and Jointer

Each



No. 6C—Fore; 18 in. long, 2⅜ in. cutter; wt. each 6⅞ lbs. $12.20

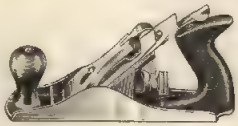
No. 7C—Jointer; 22 in. long, 2⅜ in. cutter; wt. each 7¾ lbs. 15.00

No. 8C—Jointer; 24 in. long, 2⅜ in. cutter; wt. each 9¼ lbs. 17.60

All above, one in a box.

ADJUSTABLE IRON PLANES

"WORTH MORE" QUALITY



Special carbon steel blade, hardened and hand honed. Machined bottom. Hardwood handle and knob

Substantial construction.

	Smooth		Jack
Nos.	V20	V30	V40
Size, in.	8x1¾	9x2	14x2
Weight dozen, lbs.	37	48	65
Each	$2.71	3.55	4.18

One in a box

EXTRA PARTS FOR STANLEY PLANES

BAILEY IRON PLANES

NOTE—We Carry in Stock—Knobs, handles and plane irons; other parts shipped direct from factory.

When ordering, always specify number of plane for which repair is wanted.

Extra Plane Irons Are Shown on Next Page

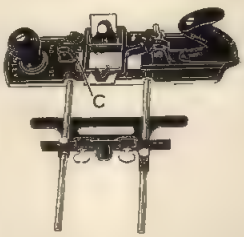
No.	Name of Part	No. of Plane	1 2 2C	3 3C	5¼ A4 4 4C	4½ 4½C	5S A5 5 5C	5½ 5½C	6½ 6½C	A6 6 6C	7 7C	8 8C
3	Cap Screw		$ 10									
4	Lever Cap		50									
5	Screw		10									
6	Frog Complete		70									
7	"Y" Adjusting Lever		10									
8	Adjusting Nut		20									
9	Lateral Adjusting Lever		.20									
10	Frog Screw		10									
11	Plane Hand		.40									
12	" Knob		30									
13	Handle Bolt and Nut		.20									
14	Knob		.20									
15	Handle Toe Screw		1 70	$2.00	$3.00	$ 10	$ .10	$ .10	$ .10	$ .10	$ .10	$ .10
16	Plane Bottom		1.70	2.00	3.00	2.40	2.40	[illegible]	2.40	3.30	4.70	5.70
46	Frog Adjusting Screw		.15	.15	.15	.10	.10	.10	.10	.10	.10	.10

This price is the same for all numbers

Add 10 per cent. for Corrugated Bottoms

FIBRE BOARD CUTTERS

STANLEY



A combination slitting, beveling, and grooving tool that works perfectly on all types of wall boards or fibre boards.

With this tool it is possible to slit or rip these materials faster than with a saw and the edges are kept perfectly smooth and true.

In addition, it may be used to bevel the edges of the boards, cut beveled edge battens, cut grooves, make line designs such as squares, circles, parallel lines, bricks and similar patterns.

Japanned finish. Rosewood handle and knob Polished surfaces protected with lacquer.

Each

No. 193—12¼ in. long; complete with circular attachment, grooves and bevel cutter holder, slitting cutter holder, slide, bevel guide and groove guide; wt. each 6½ lbs. $20 00

IRON BLOCK PLANES

STANLEY, NON-ADJUSTABLE

Japanned cast iron frame, tempered tool steel cutter, without handle

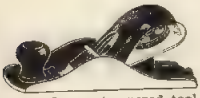
Each

No. 101—3⅛ in. long, 1 in. cutter; wt. per doz. 3½ lbs...$0.92
One-half dozen in a box.

Japanned cast iron frame, tempered tool steel cutter, milled and ground bottom.

Each

No. 102—5⅛ in. long, 1⅝ in. cutter; wt. each ⅞ lb.....$1.60



Cast iron frame, tempered tool steel cutter, japanned trimmings, milled and ground bottom and sides, rosewood knob.

Each

No. 110—7 in. long, 1⅝ in. cutter; wt. each 1⅞ lbs.....$2.00

STANLEY, ADJUSTABLE

Japanned iron frame, polished sides and face, nickel plated adjusting screw. Rosewood knob.

Cutter is adjustable endwise by means of a steel adjusting screw

Each

No. 220—7 in. long, 1⅝ in. cutter; wt. each 1¼ lbs. $3.00

"WORTH MORE" QUALITY

Special carbon steel blades, hardened and hand honed; machined bottom. Substantial construction.

Each

No. V10—7 in. long, 1⅝ in. cutter; wt. each 1½ lbs. $1.08

STANLEY "BAILEY" ADJUSTABLE

Bailey Block Planes are the highest type of block planes.

Have an improved form of adjustment for adjusting cutters endwise and sidewise. Cutter rests on its seat at an angle of 20 degrees. Have adjustable throat and the "Handy" feature

Adjustable Throat, Japanned Trimmings

Endwise screw and lateral lever adjustment.

Each

No. 9½—6 in. long, 1⅝ in. cutter; wt. each 1½ lbs. $3.80
All above, one in a box

IRON BLOCK PLANES

STANLEY LOW ANGLE ADJUSTABLE

In the low angle planes, the cutter rests on its seat at an angle of only 12 degrees. This angle permits of great ease in working across the grain on hard woods. They have adjustable throats, which allow of the opening or closing of the mouth as coarse or fine work may require. Fitted with the well known "Handy" feature

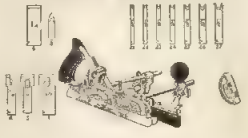
Endwise Screw Adjustment, Japanned Trimmings

Each

No. 60½ 6 in. long, 1⅝ in. cutter; wt. each 1⅞ lbs.....$4.20

COMBINATION PLANES

STANLEY FORTY-FIVE



Seven Tools in One, in Compact and Practical Form

Beading plane, plow, dado rabbet and filletster, match plane, sash plane and slitting plane. Nickel plated iron frame; rosewood handle, knob and fence.

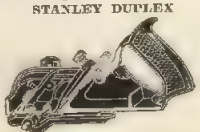
Each

No. 45—11 in. long, with 23 cutters; wt. each 9½ lbs.....$31.80

Each plane is regularly supplied with 11 plow and dado cutters, ⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½, ⅝, ¾, ⅞ and ⅞ in.; seven beading tools, ⅛, 3/16, ¼, 5/16, ⅜, 7/16 and ½ in., one 1⅛ in. sash tool, one each 3/16 and ¼ in. match tool, one 1¼ in. filletster and one slitting tool.

FILLETSTER AND RABBET PLANES

STANLEY DUPLEX



With Depth Gauge and Adjustable Fence

Japanned iron body; nickel plated trimmings; with spur for working across grain.

Each

No. 78—8⅜ in. long; 1½ in. cutter; wt. each 3 lbs. $5.20

This plane has two seats for the cutter, one for regular work and the other where a bull-nose is required. The adjustable fence can be used on either side and slides under the bottom, regulating the width of the cut. To work same as a rabbet plane, remove fence and arms.

All above, one in a box.

BULL NOSE RABBET PLANES

STANLEY

Adjustable Throat

For working into corners and other difficult places.

Japanned iron frame; polished face.

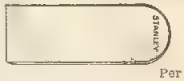
Each

No. 75—4 in. long, 1⅛ in. cutter; wt. each ⅝ lb. $1.60

One in a box.

PLANE IRONS

BLOCK PLANE, NON-ADJUSTABLE



Per dozen

No. 100—1 in., for planes Nos. 100 and 101 .....$3.40

No. 102—1⅝ in., for plane No. 102 ..... 5.60

No. 103—1⅞ in., for plane No. 103 ..... 7.60

No. 110—1⅝ in., for planes Nos. 110 and 130 ..... 7.60

One-half dozen in a box

BLOCK PLANE, ADJUSTABLE

Per dozen

No. 220 1⅝ in., for planes Nos. 9½, 15, 16, 17, 18, 19, 63, 65, 65½, 120, 131 and 220.$10.20

One-half dozen in a box.

BAILEY SINGLE

For "Bailey" and "Red Rock" iron and wood planes.

Finest quality English steel, tempered and ground, honed ready for use.

Nos.	51⅝	52	52⅜	52⅝
Width, in.	1⅝	2	2⅜	2⅝
Wt. ea., ozs.	3¼	4½	5½	6
Each	$1.16	1.36	1.64	1.72

One-half dozen in a box.

BAILEY DOUBLE

For "Bailey" and "Red Rock" iron and wood planes.

Finest quality English steel, tempered and ground, honed ready for use.

Nos.	D1⅝	D2	D2⅜	D2⅝
Width, in.	1⅝	2	2⅜	2⅝
Wt. ea., ozs.	3½	5	5¾	6½
Each	$1.02	2.32	2.64	2.72

One-half dozen in a box.

Note—In ordering be sure to give the number of plane, size of iron and if single or double irons are wanted.

SCRAPER PLANES

STANLEY DOUBLE HANDLE

Endwise and Angle Adjustment

Japanned iron body, polished sides; double grip rosewood handle, hardwood bottom. Polished and tempered tool steel blade. Adjustable endwise and for angles.

Each

No. 12—6¼ in. long, width of blade 2⅜ in , wt. each 4 lbs $11.40

One in a box.

CABINET SCRAPERS

HOOK

Designed for odd jobs of scraping. It is a useful tool for painters and woodworkers, also around the house. It is very efficient for refinishing worn spots on floors.

A door or drawer that does not work properly can readily be eased up with this tool. It is also unequalled for refinishing furniture.

Cutters are made of imported Swedish steel, bent while steel is soft, hardened and tempered afterwards and ground like a razor.

Per dozen

No. 25—With 2½ in. renewable cutter; wt. per dozen 4 lbs. $12 00

One-half dozen in a box.

Per dozen

No. 25C—Extra Cutters; 2½ in. long $3.60

One-half or one dozen in a tube.

This scraper is especially adapted for scraping floors, boats, boxes, etc., or where ever a scraper is used constantly, as it has a comfortable pistol-grip handle and knob.

Cutters are made of imported Swedish steel, bent while the steel is soft, hardened and tempered afterwards, and ground like a razor.

The 2½ in. cutter has a decided curve and is designed for rough and fast scraping. The 3¼ in. end is slightly curved and is designed for finishing.

Per dozen

No. 3425—Double-end reversible, with No. 25C, 2½ in. and No. 34, 3¼ in. renewable cutters; wt. per doz. 9 lbs.... $36.00

One in a box.

Per dozen

No. 34—Extra Cutters; 3¼ in. long $4.32

One-half or one dozen in a tube.

CABINET SCRAPERS

HOOK

Meets the demand for a sturdy scraper with a pistol-grip handle. Designed for heavier work than No. 25.

Used on boats, floors, large furniture surfaces, desks, etc. Ideal for scraping borders, closets, doorsaddles, etc., when using sanding machines. Also practical for box scraping.

Per dozen

No. 75—With No. 25C, 2½ in. cutter; wt. per doz. 5 lbs. $18.00

One in a box.

Nickel plated steel, narrow enough to go in window slides; complete with cutter.

It is incomparable for easy sticking windows, doors, drawers, etc.

Scraper 5 in. long, cutter 1⅞ in. long.

Per display

No. 15—12 scrapers and 12 cutters in a display carton; wt per carton 1⅝ lbs..... $8 40

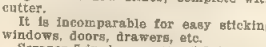
Per dozen

No. 15S—Scrapers only $6.00

No. 15C—Cutters only 2.40

Open stock.

HOOK SCRAPER FILES



Made especially for resharpening hook scrapers, but are also excellent for sharpening knives, scissors, lawn mowers, etc.

With these special files, the light cutters may be resharpened many times.

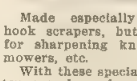
Per dozen

No. HSF—About 8⅝ in. long; wt. per doz. 2 lbs. $6.00

One in an envelope, one dozen in a box.

HAND SCRAPERS

STANLEY



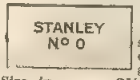
No. 0—.037 Inch Thick

Heat treated steel blade, finished edges, accurately ground.

Size, in.	2½x5	3x4	3x5
Wt. doz., lbs.	3½	3	4
Per dozen	$10.40	10.20	11.00

One-half dozen in a box.

STANLEY VICTOR



Good grade steel. Useful for all ordinary work.

No. 600—.032 of an Inch Thick

Size, in.	2½x5	3x4	3x5
Wt. doz., lbs.	3	2¾	3¼
Per dozen	$4.80	4.80	5.40

One-half dozen in a box

CABINET SCRAPERS

STANLEY DOUBLE HANDLE

Raised Handles, Rosewood Bottom

Nickel plated cast iron body; tool steel blade; malleable iron lever cap; knurled screw adjustment.

Per dozen

No. 81—10 in. long, 2⅛ in. blade; wt. per doz. 27 lbs $72.00

No. 81E—Extra blades 7.60

Adapted to finest cabinet work. Detachable rosewood bottom can be readily replaced. Raised handles protect users hands.

One in a box.

Raised Handles, Iron Bottom

Japanned iron body; tool steel blade; thumb screw adjustment.

Per dozen

No. 80—11½ in. long; 2¾ in. blade; wt. per doz. 21 lbs. $26.40

No. 80E—Extra blades, for No. 80 ..... 7.60

The blade may be sprung to a slight curve by means of a thumb screw, giving ease of operation and quickness of cut. The handles are raised to protect the user's hands, and pierced so that the tool can be hung up out of the way. Body and handles are cast in one piece

One in a box.

STANLEY SINGLE HANDLE

Non-Adjustable

Especially recommended for scraping floors on account of its strength and form. The body is ground smooth and japanned. Handle of hardwood securely fastened. Reversible blade.

Per dozen

No. 282—13 in. long; 3 in. blade; wt doz. 19 lbs .$36.00

No. 282E—Extra blades, for No. 282 ..... 7.60

One in a box.

BURNISHERS

STANLEY SCRAPER BLADE

Oval Shaped Blade

Finest forged tool steel blade, carefully heat treated. Polished hardwood handle.

Used to turn the edges on scraper blades.

Per dozen

No. 186—5 in. blade, 9½ in. long over all; wt. per doz. 3½ lbs. $19.80

One-half dozen in a box.

GRINDERS

For Hand Operated Machines; Sharpens Shearing and Clipping Plates and also Barber Clipping Plates Very Efficiently.

Nos.	Holders Take, Plates	Weight Each, lbs.		Each
4GS	Shearing	32	$16.80	12 00
4GC	Clipping	32	17 50	12.50

One in a Substantial Wooden Shipping Case

GRINDING MACHINE PASTE

Heavy Straw Board Box

For Use on Stewart Grinding Machine Discs, in Grinding Blades for Horse Clipping and Sheep Shearing Machines, Size of Box, 3x2⅝ inches.

		Per Box
No. 771—Weight Each, About ⅞ lb.	$0 70	.50

Loose

CHAIN PASTE

Square Metal Can

A Non-drying and Non-running Lubricant for Flexible Shafting, Pinions, etc.; Size of Can, 3x3x4 inches.

		Per Can
No. CC1—Weight Each, 1 lb	$0.55	.40

Loose

PARTS

For Stewart Clipping and Shearing Machines

EXTRA PARTS
For No. 7 Shears

		Each
No. 252—Tension Nut; Weight, 2 ozs.	$0 50	.35
No. 253—Tension Pin; Weight, ½ oz.	50	35
✣No. 254—Oil Hole Screw; Weight, ⅛ oz.	.10	.05
No. 255—Tension Spring; Weight, 1 10 oz.	.15	.10
No. 256—Comb Screw; Weight, 1/5 oz.	.15	.10
No. 276—Cutter; Weight, ⅓ oz.	.40	.30
No. 277—Comb; Weight, 2 ozs.	1.10	.80

Loose

CLIPPING PLATES

Fits Only Special Clipper No. A475

Nos.	Kind Plate	Weight Each, ozs.		Each
G2813	Top	2	$1.55	1.10
98S	Bottom	3	1.55	1.10

Loose

PARTS

For Stewart Clipping and Shearing Machines

CLIPPING HEADS

LATEST MODEL

Caution—Do Not File or Grind any Part of the Clipping Head in Any Way; It is Exactly Right to Cut Best; The Only Grinding to be Done is to Resharpen the Cutting Plates when Dull, and that Must be Done Right.

Be Sure to Let Parts Nos. 358 and 359 Alone; If They Should be Removed in Any Way, Do Not Attempt to Use the Clipper Head Until they Are Properly Replaced; Head Complete with Knife; 3-inch Cut.

		Each
No. B1—Weight Each, 12 ozs. One in a Box	$5.60	4 00

EXTRA PARTS
For New Model Head

Nos.	Part	Weight, ozs.		Each
✣351	Taper Sleeve	2	$0.70	.50
352	Drive Pin	2	.50	.35
353	Drive Ball	⅛	.20	.15
354	Brace	5	1.05	.75
355	Cross Head	1	.70	.50
356	Cross Head Pin	1/3	.20	.15
357	Guide Pins	1/7	.15	.10
358	Ball Boss	1/7	.10	.05
359	Socket Boss	1/7	.10	.05
360	Top Plate	2	1.75	1.25
361	Bottom Plate	3	2.45	1 75
✣362	Tension Bolt	1/5	.15	.10
✣363	Tension Spring	⅛	.20	.15
✣364	Tension Nut	1/7	.15	.10

Loose

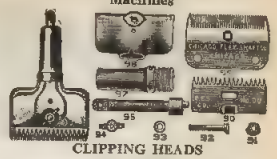
EXTRA SHAFTS AND CHAINS
For No. 1 Stewart Horse Clipping Machine

	Each
No. 1SC Shaft and Chain; Weight Each, 3¼ lbs. $3 10	6 50
No. 1S—Shaft Without Chain; Weight Each, 2⅜ lbs. 4.90	3 50
No. 1C—Chain Only; Weight per Foot, 3 ozs 2.20	3.00

Loose

PARTS

For Stewart Clipping and Shearing Machines



CLIPPING HEADS
OLD MODEL

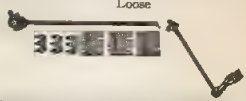
Construction is Exceedingly Simple; Adjustment Made by a Single Nut Centrally Located, so that Tension is Equally Distributed; Impossible to Adjust One End of Knife Tighter than the Other; Head Complete with Knife, 3-inch Cut.

		Each
No. C1—Weight Each, 12 ozs. One in a Box	$5 60	4.00

EXTRA PARTS
For Old Model Head

		Each
No. 90—Top Plate; Weight, 3 ozs.	$1 75	1.25
No. 91—Tension Spring; Weight, 1/11 oz.	.20	.15
No. 92—Tension Bolt; Weight, 1/6 oz.	.15	.10
No. 93—Eccentric Roll; Weight, 1/6 oz.	.20	.15
No. 94—Tension Nut; Weight, 1/6 oz.	.15	.10
No. 95—Eye Shaft; Weight, 3 ozs.	.50	.35
No. 97—Handle Shank; Weight, 4 ozs	.70	50
No. 98—Cap; Weight, 4 ozs.	85	.60
No. 99—Bottom Plate; Weight, 3 ozs.	2.45	1 75

Loose



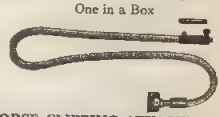
SHEEP SHEARING ATTACHMENTS

For Use on Nos. 1 Horse Clipping Machines to Convert Them to Sheep Shearers.

Consists of 3¾ feet Jointed Steel Shafting and Tubular Sheathing with Universal Joints and Connecting Gears No. 7; Shearing Head and 4 Sets of Cutting Blades and Combs.

		Each
No. 77—Weight Boxed, About 10 lbs.	$22 40	16.00

One in a Box



HORSE CLIPPING ATTACHMENTS

For Use on No. 9 New Model Sheep Shearing Machines to Convert Them to Horse Clippers.

Consists of 6½ feet Flexible Steel Shaft with Eye Spindle in Connection, Running in a Canvas Cover and Fitted with Stewart One-Nut Tension Knife

		Each
No. SC1050—Weight Each, Boxed, 8 lbs.	$11 55	8 25

One in a Box

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., Chicago, Illinois, on which They Will Make a Service Charge of 10% on Each Shipment.

MULE SHEARS

Best Quality; Malleable Iron Frames with High Carbon Steel; Extra Thin Blades Riveted to Frames; Large Hexagon Head Bolt; Offset Bent Handle; Allowing Operator to Work in Close Quarters; Length, 10½ inches; Black Japanned Handles; Polished Blades.

Nos.	Kind of Blades	Weight per Dozen, lbs.	Per Dozen
S109	Straight	11	$15 50
S109C	Curved	11	19.00

Half Dozen in a Box

HORSE AND MULE SHEARS

*SHAPLEIGH'S DIAMOND EDGE
TRADE MARK REG. IN THE U. S. PAT. OFFICE

SINGLE BOW PATTERN

Forged from One-Piece Cutlery Steel; Extra Tempered, Set and Sharpened; Swaged Blades; Full Polished; Straight Shank; 4¼-inch Bent Blades; Extra Heavy; Length Over All, 10 inches.

Per Dozen

No. DE100—Weight per Dozen, 8½ lbs..$15.70
Half Dozen in a Box

SINGLE BOW PATTERN

Forged from One-Piece Cutlery Steel; Extra Tempered, Set and Sharpened; Swaged Blades; Bow Natural Finish; Full Polished; Straight Shank; Curved Blades, 5¼ inches Long; Length Over All, 12 inches.

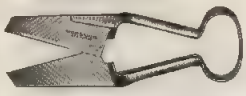
Per Dozen

No. DE80—Weight per Dozen, 8 lbs.... $9 80
Half Dozen in a Box

SHAPLEIGH'S POINTERS
For
GRASS SHEARS
Please turn to Page 337.

HORSE AND MULE SHEARS

*SHAPLEIGH'S Bridge REG. IN THE U. S. PAT. OFFICE



SINGLE BOW PATTERN

Polished Steel Carefully Tempered and Ground Swaged Blades; Bow, Natural Finish, Trowel Shank; 4¼ inch Curved Blades, Length Over All, 10¾ inches.

Per Dozen

No. B75—Weight per Dozen, 8 lbs.....$10.00
Half Dozen in a Box

*SHAPLEIGH'S Bridge REG. IN THE U. S. PAT. OFFICE

SINGLE BOW PATTERN

Polished Steel, Carefully Tempered and Ground; Swaged Blades Bow is Natural Finish; Straight Shank, 3¾ inch Curved Blades; Length Over All, 9½ inches.

Per Dozen

No. B50—Weight per Dozen, 6 lbs.....$10.00
Half Dozen in a Box

*SHAPLEIGH'S MOUND CITY TRADE MARK
TRADE MARK REG. U. S. PAT. OFFICE (REGISTERED)

SINGLE BOW PATTERN

Carefully Tempered and Ground; Swaged Blades; Blades Have Glazed Faces; Bow, Shank and Back of Blades Natural Finish. Straight Shank, 4⅛ inch Bent Blades, Length Over All, 9½ inches.

Per Dozen

No. MC3—Weight per Dozen, 5 lbs.....$7.70
Half Dozen in a Box

*SHAPLEIGH'S MOUND CITY TRADE MARK
TRADE MARK REG. U. S. PAT. OFFICE (REGISTERED)

SINGLE BOW PATTERN

Carefully Tempered and Ground; Swaged Blades; Blades Have Glazed Faces; Bow, Shank and Back of Blades are Natural Finish, Straight Shank, 3¾-inch Curved Blades; Length Over All, 9½ inches.

Per Dozen

No. MC4—Weight per Dozen, 5½ lbs...$7.70
Half Dozen in a Box

SHEEP SHEARS

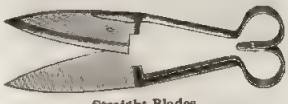
*SHAPLEIGH'S DIAMOND EDGE
TRADE MARK REG. IN THE U. S. PAT. OFFICE

REGULAR BBA PATTERN
Straight Blades

Forged Cutlery Steel Blades; Riveted Double Bow Pattern Blades Oil Tempered, Ground and Set; Swaged Backs, Full Polished and Etched Blades; Bow, Natural Finish; will not Reverse in Closing

Nos.	Length Blade, ins.	Width Blade, ins.	Length Over All, ins.	Wt. per Doz., lbs.	Per Dozen
DE6A	6	1⅛	13	11	$22 70
DE6½A	6½	2	13½	11½	24 00
DE7A	7	2⅛	14	12	25.70

Half Dozen in a Box

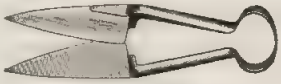


Straight Blades

Forged Cutlery Steel Blades; Has Elastic Temper and Ability to Withstand Rough Usage; Bows Rolled, Easy Grip, Light Spring, Blades, Double Hollow Ground and Set; Length of Blade, 6½ inches. Width of Blade, 1⅛ inches Length Over All, 14 inches

Per Dozen

No. DET6½—Weight per Dozen, 12 lbs.$30 00
Half Dozen in a Box



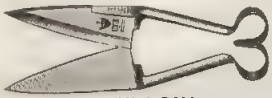
*SHAPLEIGH'S Bridge REG. IN THE U. S. PAT. OFFICE

SINGLE BOW PATTERN
Bent Blades

Polished Steel· Swaged Blade Carefully Tempered, Sharpened and Set, Polished Shank, and Bow; 5½-inch Straight Blades, Length Over All, 12 inches

Per Dozen

No. B15—Weight per Dozen, 9½ lbs... $12 50
Half Dozen in a Box



BURGON & BALL
DOUBLE BOW PATTERN
Swaged Straight Blades

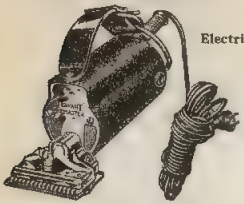
Single Riveted; Extra Quality; Forged Steel Plain Grip; Full Polished.

Nos.	Length Blade, ins.	Length Over All, ins.	Wt. per Doz., lbs.	Per Doze
BBA6	6	13	8½	$60.7
BBA6½	6½	13½	11	63.0
BBA7	7	14½	12	66.0

Half Dozen in a Box

CLIPPING MACHINES

STEWART



Electric

CLIPMASTER

New Model Electrically Operated Clipping Machine

The Clipmaster Clipper has Universal Motor Which Operates on Any **110 or 120 Volt Direct or Alternating Current.** All Moving Parts are Scientifically Hardened and Tempered; Has Inclosed Bronze Bearings, Packed in Special Lubricant; Requires No Attention for at Least One Year. Switch is Conveniently Located at the Back of the Clipper. The Tension is Ball Bearing and Because of its Extreme Accuracy Will Clip with Much Lighter Tension Than Any Other Clipping Machines. Each Clipper is Fitted with a Strap Handle, and by a Unique Arrangement Slides to the Right or Left at the Back of the Clipper, for Either Left Handed or Right Handed Persons. Each Clipper is Fitted with a 25 foot Rubber Covered Cord with a Separable Plug. Entirely Covered with a Rubber Sheath which Prevents Pulling Out the Cord.

Each

No. GJ2—Weight Each, 6 lbs... **$21.00** 15.00
One in a Box

EXTRA PLATES

Nos.	Kind	Each, lb.	Each
E1	Top	½	$1.75 1.25
E2	Bottom	½	2.45 1.75

Loose

SHEARMASTER

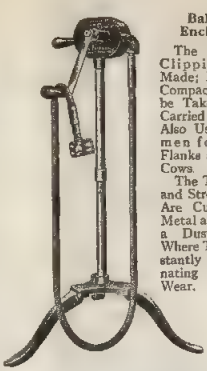
The Stewart Shearmaster is Designed Especially for Shearing Flocks of Sheep or Goats Numbering up to 200 Head. It is truly a One Man Machine, Very Economical to Use and is Fast and Smooth Running. The Shearmaster is Supplied with Universal Motor for any 110-120 Volt Current. This is the Only Shearing Machine Ever Made which Does a Thoroughly Efficient Job on Both Shearing and Clipping, Simply by Changing the Bottom Plate. The Shearmaster is Covered with Felt; Length of Barrel 5 inches; Diameter, 2½ inches; Length Over All, 9 inches; Supplied with One Set of Shearing Plates Only.

Each

No. 4H—Weight, 7 lbs.....**$20.40** 21 00
One in a Box

HORSE CLIPPING MACHINES

STEWART



Ball Bearing Enclosed Gear

The Most Perfect Clipping Machine Made; Is Sturdy and Compact in Form; Can be Taken Apart and Carried in a Satchel; Also Used by Dairymen for Clipping Flanks and Udders of Cows.

The Tripod is Rigid and Strong; the Gears Are Cut from Solid Metal and Enclosed in a Dust-Proof Case, Where They Run Constantly in Oil, Eliminating Friction and Wear.

Cast Iron Tripod Base; 1-inch Tubular Steel Jointed Post; Dust-Proof Cast Iron Gear Case. Flexible Steel Shaft Running in a 1½-inch Seamless Canvas Cover; Fitted With the Stewart One-Nut Tension Knife.

Height, 39 inches; Spread at Base, 22 inches; Length of Shaft, Including Knife Head, 6½ feet; Width of Blade, 3 inches; Size of Box, 12½x11x6 inches.

Each

No. 1—Weight Each, 26 lbs.....**$17.50** 12.50
One in a Box

SHEEP SHEARING MACHINES

STEWART

One Man Power

Designed Especially for the Farmer Who Has an Engine and Up to as Many as 200 or 300 Sheep.

Clutch Operated with a Handy Lever Makes it Easy to Throw Machine in and Out of Gear.

Three Universal Joints in the Shearing Shaft Give Great Freedom of Shearing Movement, so That the Operator Can Shear Any Part of the Sheep Without Changing His Position.

Equipped with Stewart No. 7 Shear Head; 2 Combs and 4 Cutters.

Each

No. OMS25—Weight Each, About 47 lbs.....**$38 50** 27.50
One in a Box

Equipped with Stewart No. B1 Head for Clipping Horses and Dogs.

Each

No. OMC25—Weight Each, 47 lbs. **$35.00** 25.00
One in a Box

SHEEP SHEARING MACHINES

STEWART

Ball Bearing Enclosed Gear

Base and Upright of this Machine Are the Same as the Base and Upright of the Stewart No. 1 Ball Bearing Clipper; They Are as Substantial as it is Possible to Make Them; Every Joint in the Shaft and the Shearing Head Itself is Fitted with Ball Bearings, Producing a Machine that Turns Easier and Cuts Faster, with Less Effort on the Part of the Operator, Than Any Machine Ever Made.

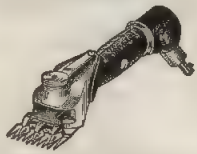
Height, 39 inches; Spread at Base, 22 inches; Fitted with No. 7 Ball Bearing Shear Head, Two Combs and Four Cutters.

Each

No. 9—Weight Each, Boxed, 45 lbs. **$32.15** 22 95
One in a Box

PARTS

For Stewart Clipping and Shearing Machine



SHEEP SHEARING HEADS

Ball Bearing Shear

Uses Any Stewart 10 Point Comb and Any Stewart 3 Point Cutter; Will Not Take Wide Comb and Cutter; This Handpiece is Scientifically Fitted with Ball Bearings Throughout and is a Smooth Running, Cool Running, Fast Shearing Machine; Head Complete.

This New No. 7 Shear will Fit on Any Stewart Hand-Power Shearing Machine, no Matter when Purchased. All That is Necessary is to State the Year the Machine was Bought.

Each

No. 7—Weight Each, 3 lbs..... **$12.60** 9.00
One in a Box

DOG CLIPPING HEADS

Specify Whether Round or Square Shank

Used for Clipping Very Fine-Haired and Tough Haired Dogs, Ponies, etc.; Can be Used on Any Stewart Clipper; Complete with No. G2813 and No. 98S Clipping Plates.

Each

No. A475—Weight Each, 17 ozs....**$5.60** 4.00
One in a Box

Sunbeam MIXMASTER

The Food Mixer Preferred by Women Everywhere

New Improved 1935 Model

Prices on this Page Subject to 2% Cash Discount.

PORTABLE — Lift motor and beater off the stand and use anywhere.

SPECIAL FEATURES

60% More Power — — Automatic Power Control

10 Speeds — Full Power on Each Speed

Leak-Proof Oiling System — — New Type Full Mix Beaters

No. 4G41. Complete with Juicer Attachment. Each..... **14.65**
In lots of 3. Each..... 13.50

No. 4G42. Less Juicer Attachment. Each..... **12.85**
In lots of 3. Each..... 11.85

EXTRA MIXING BOWLS

Small Glass Bowl.
No. 4G40/1. Each..... .50

Large Glass Bowl.
No. 4G40/2. Each..... .75

Juice Extractor Bowl
No. 4G40/3. Each..... .90

Large Cast Aluminum Bowl.
No. 4G40/4. Each..... 2.11

Large 3-qt. Special Aluminum Bowl.
No. 4G40/5. Each..... 1.27

And see all the safe, practical, inexpensive attachments for Mixmaster shown on the next page.

Hotpoint and Universal Electric Mixers

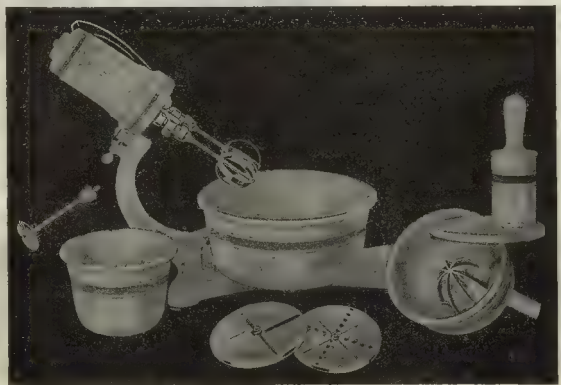
General Electric Hotpoint Mixer is a complete kitchen power unit. Mixes, beats, extracts juice and does all kitchen tasks—3 speeds. Operates on A. C. or D. C. Requires no oiling by user. Location of motor in base removes possibility of tipping the mixer. Tilt back neck permits beater to drip into mixing bowl. Finished in Eden green baked enamel, which won't chip or stain. Easy to clean, no grooves or square corners. Positive motor operated bowl drive automatically controls revolution of bowl to proper speed for mixing. Two Pyrex bowls of 3-quart and 3-pint capacity, designed for exclusive use with this mixer and guaranteed against breakage from heat. Operating instructions, recipe book and 6 feet of all-rubber cord with G. E. molded attachment plug.

No. 17G71. Each..... 14.34

Additional Attachments

To use the food chopper or slicer, a gear reduction unit is required.

No. 17G76. Reduction Unit. Each..... 2.87
No. 17G77. Food Chopper with 4 cutters. Each..... 1.12
No. 17G75. Slicer and Shredder. Each..... 2.35
No. 17G73. Grater for grating Cheese. Each..... .48
No. 17G74. Sharpener for Knives, Scissors, etc. Each..... .48



Universal Prices Subject to 2% Discount.

"Universal" Electric Mixer, Beater, Juice Extractor, with Vegetable Slicer and Shredder Attachments complete as illustrated. Motor part is portable and may be used on stove or elsewhere. Motor tilts back which allows batter to drip back into bowls. All bowls are unbreakable porcelain enamel light and easily cleaned. Beaters and their holders are chromium plated. The motor and bowls are ivory, decorated in green. Capacity of large bowl 3 quarts, small bowl 1 quart. Beaters are easily attached by a simple spring lock. Will do all mixing, blending, beating, whipping, creaming, stirring, juice extracting and vegetable slicing and shredding in a fraction of time it takes by hand.

No. 11G36. Complete as illustrated. Each..... 14.95
No. 11G37. Without Shredder and Slicer attachments. Each..... 12.85
No. 11G38. Without the Juice Extractor and Shredder and Slicer attachments. Each..... 10.75

MIXMASTER ATTACHMENTS

PRACTICAL—SAFE—INEXPENSIVE

The Only Food Mixer That Has Them All

Prices on this Page Subject to 2% Cash Discount.

The rugged construction of Mixmaster with its more rigidly-held powerful motor makes it particularly efficient in the operation of attachments.

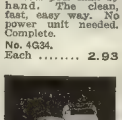
That's why it has so many — and such good one.

Each Mixmaster attachment fills a basic household need from grinding meat and shelling peas to sharpening knives and polishing silverware.

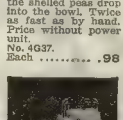
Potato Peeler. It's almost human—goes into the hollows and over bumps. Takes off less peel than by hand. The clean, fast, easy way. No power unit needed. Complete.
No. 4G34.
Each 2.93

Pea Sheller. Feed fresh pea-pods into the sheller—the empty hulls drop out on the other side, the shelled peas drop into the bowl. Twice as fast as by hand. Price without power unit.
No. 4G37.
Each ..... .98

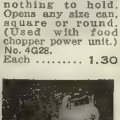
Can Opener. Holds and turns can around while cutting, leaving smooth edge. Entirely automatic, nothing to hold. Opens any size can, square or round. (Used with food chopper power unit.)
No. 4G28.
Each 1.30



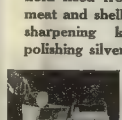
Food Chopper. This safe, double-purpose attachment chops vegetables, etc., and grinds meat. Faster, better, does all the tiresome turning. And safe—attachment will not operate until hopper lid is closed. Complete with Power transfer unit.
No. 4G27.
Each 4.06
No. 4G26. Power Unit only.
Each 1.63



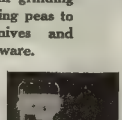
Slicer and Shredder. Does all the slicing and shredding of vegetables and fruit for salads, desserts, stews, etc. Has exclusive safety feature—blades will not turn until hopper lid is closed. Complete with self-contained power unit.
No. 4G31.
Each 3.25
Special grater disc.
No. 4G31/1.
Each ..... .65



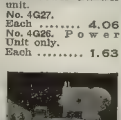
Drink Mixer. Operates on same principle as high speed soda fountain drink mixers. Complete with its own unit which increases speed—Slips in place of one beater. Furnished with substantial, tall mixing glass.
No. 4G32.
Each 1.46



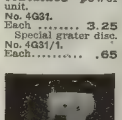
Colander. Marvelous for ricing potatoes, for purees of all kinds, for sieving, etc. Easy for use and FAST. Perfect for "strained" vegetables for children. Sturdy and substantial. Price without Power Unit.
No. 4G25.
Each 2.57



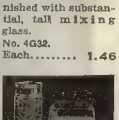
Freezer Unit. Makes ice cream at home, better and cheaper. Does all the work—and will fit all freezers, old or new, any size up to three quarts. Use with all Mixmaster portable models.
No. 4G35.
Each 2.28



Knife Sharpener. This is a real knife and scissors sharpener, amazingly efficient. Guide for knife blade insures correct position at all times for sharpening edge. (Used with food chopper power unit.)
No. 4G29.
Each 1.46



Polisher and Buffer. Cleans all silver. Used with Mixmaster on stand for polishing knives and forks or portably for polishing flatware and bigger pieces. Complete with silver polish—no power unit.
No. 4G30.
Each ..... .49

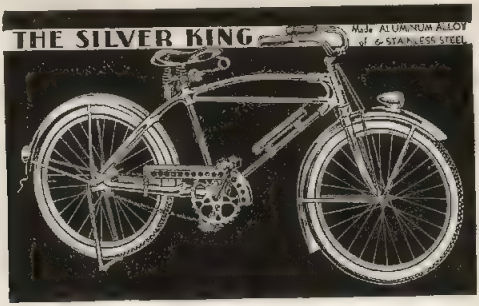


Coffee Grinder. Handsome glass container holds full pound of coffee. Automatically feeds itself, requires no attention. Adjustable for coarse, medium or fine coffee. (Used with food chopper power unit.)
No. 4G33.
Each 1.63

BICYCLES.

SILVER KING.

HANDSOMELY STREAM-LINED; LOW CENTER OF GRAVITY; PRECISION WORKMANSHIP.



Made almost entirely of heat treated aluminum alloy, such parts as of necessity must be made of other metals, are chrome plated, not a painted part on the entire bicycle.

Frame—Made entirely of stainless high tensile strength heat treated aluminum alloy. 18½-inch frame. Saddle may be raised 4 to 5 inches.

Front Fork—One piece reinforced with chromium plated tubular truss rods; proper castor design to insure easy steering.

Wheels and Tires—24-inch wheels, each with 28 spokes, full tangent and non-rusting. Rims, straight side steel chrome plated. Tires, straight side double tube balloon, 24x2.125.

Mud Guards—Special design, chrome aluminum with double braces front and rear. Front guard has extra long forward extension in common with modern stream-lining. Cross section of guard is ample to protect rider from mud and dirt.

Chain Guard—All men's models are equipped with a handsome chain guard which covers the chain and front sprocket.

Saddle—Troxel No. 60 DeLuxe large size motorcycle style. Suspension chrome plated springs.

Handle Bar—Torrington Junior with built-in brace and forward extension gooseneck adjustable stem. Black rubber extra long finger notch grips.

Chain—Diamond high quality anti-friction twin roller chain, 1-inch pitch by ⅛-inch.

Lamp—Special stream-lined bullet style built-in head light.

Tail Light—Extra large 2-inch diameter reflecting tail light encased in stream-lined aluminum housing.

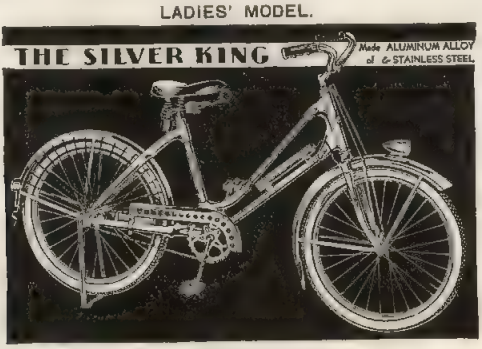
Coaster Brakes—New Departure.

Finish—The frame is not painted or lacquered. It is highly polished to the luster of silver. You see the metal exactly as it is, all the way through. Just rub up with a damp cloth and polish with a dry cloth same as you would do with an automobile lamp

Each

No. S2-6500—Bicycles; approximate shipping weight, 60 lbs. ..... **$65.00@**

LADIES' MODEL.



The ladies model has drop frame. Frame size same as men's. Rear guard has metal shoe eyelets to prevent cutting of dress guard lacing; other parts such as wheels, tires, coaster brake, etc. are same as on men's model.

Each

No. S2-6650—Bicycles; approximate shipping weight, 60 lbs. ..... **$66.50@**

BALLOON TIRE MOTORBIKE.

Frame—Motorbike, 19-inch only.
Front Fork—Extra heavy 1-inch tubing.
Hubs—New Departure coaster brake with New Departure front hubs.
Rims—Lobdell's balloon type G. & J. clincher, armored, chrome plated.
Chain—Diamond roller, $\frac{1}{2}$x1 inch pitch
Crank Hanger—One piece forged cranks with pressed in cups.
Stand—Steel, dead nickel.
Guards—Drop side, chromium plated.
Finish—Blue or maroon.
Handle Bars—Braced motorbike.
Grips—Rubber long motorbike.
Saddle—Large motorbike.
Pedals—Wide rubber motorbike.
Tires—26x2.125 G. & J. clincher.
Stand and Rear Reflector.

Each

No. S2-66—Bicycles; approximate shipping weight, 60 lbs ..... **$45.50@**

DE LUXE BALLOON TIRE MOTORBIKE.

Frame—19-inch.
Brake—New Departure.
Bar—Braced motorbike type.
Saddle—Motorbike.
Pedals—Wide rubber.
Guards—Drop side.
Tires—26x2.125 G. & J. clincher.
Finish—Blue or maroon.
Guards—Drop side, chromium plated.
Stand and rear reflector.

Each

No. S2-77—Bicycles; complete as shown with luggage carrier, tank, horn, lamp and battery container without battery; approximate shipping weight, 65 lbs .... .. **$54.00@**

LADIES' MODEL, BALLOON TIRES.

Frame—19-inch; 1-inch 19 gauge tube; 7-inch head; flush connections; $\frac{5}{8}$ tapered rear forks; $\frac{3}{4}$ rear stays.
Fork—Extra heavy 1-inch tubing.
Cranks—Fauber round special; one piece patented, with 3-arm pattern sprocket.
Gear—22-tooth front, rear 9x$\frac{1}{2}$-inch.
Hubs—Coaster brake, New Departure, front hub to match.
Rims—Lobdell's balloon type G. & J. clincher, armored, chrome plated.
Chain—$\frac{1}{2}$ roller, 1-inch pitch.
Finish—Blue or maroon, with ivory white head.
Tires—26x2.125 G. & J. clincher.
Saddle—Double coil spring, well padded.
Pedals—Rubber.
Bar—Adjustable expander, with rubber grips.
Dress and chain guard and nets.
Guards—Drop side, chromium plated.
Stand and Rear Reflector.

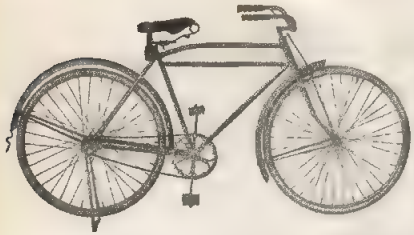
Each

No. S2-88—Bicycles; approximate shipping weight, 60 lbs... ....**$49.50@**

BICYCLES.

WITH SINGLE TUBE TIRES.

MOTORBIKE MODEL.

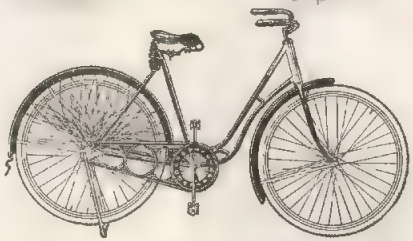


Frame—Motorbike, 19-inch only.
Fork—Braced Motorbike, forged crown.
Hubs—New Departure coaster brake with New Departure front hubs.
Rims—Lobdell's nickel plated armored wood.
Chain—Diamond roller, ⅛x1 inch pitch.
Crank Hanger—One piece forged cranks with pressed in cups.
Stand—And rear reflector.
Guards—Drop side.
Finish—Maroon or blue.
Handle Bars—Braced Motorbike.
Grips—Rubber long Motorbike, finger grip.
Saddle—Large Motorbike.
Pedals—Wide rubber Motorbike.
Tires—28x1½ inch, single tube.

Each

No. S2-1—**Bicycles**; approximate shipping weight, 60 lbs. **$43.00@**

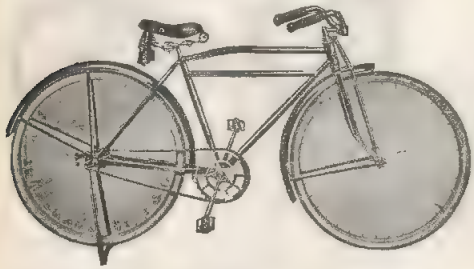
CROWN LADIES' MODEL.



Frame—20 inch, one inch 19 gauge tube; 7 inch head; flush connections; ⅞ tapered rear forks; ¾ rear stays.
Fork—Full enameled with dart finish.
Cranks—Fauber Round Special; one piece patented, with 3 arm pattern sprocket.
Gear—22 tooth front, rear 9x3/16 inch
Hubs—Coaster brake, New Departure, front hub to match.
Rims—Nickel plated steel, wood lined.
Chain—3/16 Roller, one inch pitch.
Finish—Blue or maroon, with ivory white head.
Tires—28x1½ inch single tube.
Saddle—Double Coil Spring, well padded.
Pedals—Rubber.
Bar—Adjustable expander with rubber grips.
Dress and chain guard and nets.
Stand And rear reflector.

Each

No. S2-56—**Bicycles**; approximate shipping weight, 60 lbs..... **$43.50@**



BOY'S JUVENILE MOTORBIKE.

Frame—16-inch, with 26-inch wheels.
Color—Maroon or Blue.
Fork—Truss Motorbike.
Cranks—5½-inch single piece drop forge.
Chain—Diamond, 1-inch pitch by ⅛-inch roller.
Wheels—New Departure coaster brake.
Tires—26-inch juvenile single tube.
Handle Bar—Boy's juvenile Motorbike, long rubber grips.
Saddle—Troxel juvenile Motorbike.
Pedals—Torrington rubber.
Guards—Drop side.
Stand—And rear reflector.
Coaster Brake—New Departure
Rims—Armoured steel, Chromium plated.

Each

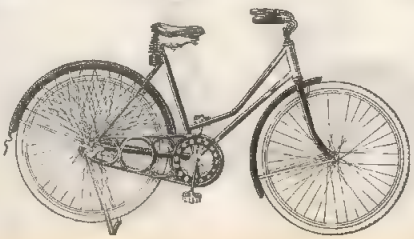
No. S2-JM—**Bicycles**; approximate shipping weight, 50 lbs. ..... **$41.00@**

GIRL'S JUVENILE.

Frame—16 inches.
Fork—Forged fork crown.
Color—Blue or Maroon.
Cranks—5½ inches, one piece diamond, 22x10 sprockets.
Chain—Diamond, 1-inch pitch by ⅛-inch roller.
Wheels—26-inch, New Departure coaster brake and armoured steel; chromium plated rims.
Tires—26-inch juvenile single tube.
Handle Bar—20-inch Schmneer
Saddle—Troxel Fairy.
Pedals—Torrington.
Guards—Dress and chain guards.
Stand—And rear reflector.
Brake—New Departure.

Each

No. S2-90—**Bicycles**; approximate shipping weight, 50 lbs..... **$39.00@**



WALTHAM WRIST WATCHES

The outstanding models of this famous make.

Fine timepieces that combine artistic appearance with time-keeping accuracy Attractive presentation boxes. Illustrations ⅞ actual size.

Prices Subject to Wholesale Discounts. See Page 2.

THE WALTHAM PRESENTATION WATCH—AMERICA'S FAVORITE

DW1318 14 kt. Solid Yellow Gold. Waltham Rectangular 17 Jewels, 18 kt. Gold Raised Numerals $84.50
DW1319 10 kt. Yellow Gold Filled; Waltham Rectangular 17 Jewels, Embossed Gilt Numerals 42.00

A custom built thin model, heavy weight Wadsworth case, curved to fit the wrist, satin finish with bright polished edges. America's smartest watch case Waltham renowned 7/8 ligne, 17 jewel rectangular movement No DW1318 has sterling silver dial with 18 kt gold raised numerals; No. DW1319 has standard dial embossed gilt numerals Detachable genuine leather strap, buckle to match case. Handsome presentation box

DW1320 10 kt Yellow Rolled Gold Plate, Waltham 17 Jewels $31.50
DW1321 10 kt White Rolled Gold Plate, Waltham 17 Jewels 31.50

A smart plain case by Wadsworth, 10 kt. rolled gold plate standard quality, satin finish. Waltham renowned 7/8 ligne, 17 jewel rectangular movement with gold stylish dial, embossed gilt numerals. Detachable fine leather strap, buckle to match case. Elegant gift box.

DW1322 10 kt Yellow Rolled Gold Plate, Waltham 17 Jewels $47.50
DW1323 10 kt White Rolled Gold Plate Waltham 17 Jewels 47.50

A very thin model, Wadsworth case, bolleted bezel, satin finish back. Waltham renowned 7/8 ligne 17 jewel rectangular movement, gold dial, embossed gilt numerals Detachable fine attachment with folding center clasp, adjustable to wrist size. Elegant gift box

For stylish attachments for men's wrist watches—see page 67

DW1324 14 kt Solid Yellow Gold Waltham Rectangular 17 Jewels $63.00
DW1325 14 kt Solid White Gold Waltham Rectangular 17 Jewels 63.00

A 14 kt. solid gold thin model stylish case by Wadsworth, bright finished bezel, plain satin finish back. Waltham renowned 7/8 ligne 17 jewel rectangular movement Attractive dial, embossed gilt numerals Detachable fine genuine leather strap, buckles same color as case Elegant gift box

WALTHAM WRIST WATCHES

Popular Priced models of this famous make.

For time-keeping accuracy and value these models are outstanding Attractive gift boxes. Illustrations 7/8 actual size.

Prices Subject to Wholesale Discounts. See Page 2.

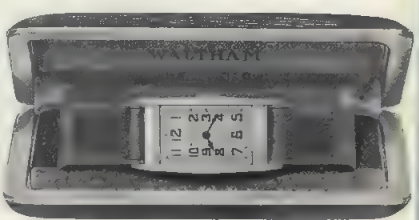
DW1326 14 kt. Yellow Gold Filled, Waltham 17 Jewels..... $46.00
DW1327 14 kt. White Gold Filled, Waltham 17 Jewels..... 46.00

Neat thin model longest shape case by Starr. 14 kt. gold filled. Satin finish front and back, bright polished edge and center, stylish curved back. Famous Waltham 0/0 size, 17 jewel movement. Smart dial and embossed gilt numerals. Snellen patented detachable link attachment. 12 kt. gold filled folding center clasp adjusts to wrist size. Novel shape. Elegant gift box.

DW1328 10 kt. Yellow Gold Filled, Waltham 17 Jewels..... $44.00
DW1329 10 kt. White Gold Filled, Waltham 17 Jewels..... 44.00

A low step designed case by Starr, the model of graceful flat satin finish lines. Engraved Waltham 0/0 size, 17 jewel movement, silvered rectangular dial, embossed gilt numerals. Flexible open link attachment, same quality as case. Folding center clasp adjusts to wrist size. Elegant gift box.

This new model available after November 25th.



DW1330 10 kt. Yellow Gold Plate, Waltham Rectangular..... $20.00
DW1331 10 kt. White Gold Plate; Waltham Rectangular..... 20.00

A new fit to flat model tailored case by Star, 10 kt. rolled gold plate, standard quality, satin finish. Waltham 7/8 size, 7 jewel rectangular movement. Stylish dial, embossed gilt numerals. A dependable timepiece. Detachable link attachment, buckles same color as cases. Neat gift box.

For stylish attachments for men's wrist watches—see page 67

DW1332 10 kt. Yellow Gold Plate, Waltham 15 Jewels..... $34.00
DW1333 10 kt. White Gold Plate, Waltham 15 Jewels..... 34.00

Smart thin model case, decidedly square cut. Best rolled gold plate, standard quality, satin finish top, satin inner bar. Waltham 0/0 size, 15 jewel movement, an accurate timepiece. Smart rectangular dial, embossed gilt numerals. Detachable fine leather strap, buckles to match cases. Attractive gift box.

DW1334 Waltham 7 Jewels with Leather Strap..... $20.00
DW1335 Waltham 15 Jewels with Link Attachment..... 30.50

A new style small size, but thoroughly reliable case by Wadsworth, guaranteed for 25 years, the case for permanently. The model has a well bright polished edges. Waltham 0/0 size movements, attractive dials. No. DW1334 has detachable leather strap buckle matches case. No. DW1335 has flexible open link attachment similar to DW1326 folding center clasp adjusts to wrist size. Neat gift box.

WALTHAM WATCHES

For value, appearance and time-keeping accuracy these popular styles are outstanding. The Waltham Universal, Moderne and Royalty series have the style name imprinted on the dials—none genuine without. Illustrations 7/8 actual size. Stylish gift boxes.

Prices Subject to Wholesale Discounts. See Page 2.

DW1330 Waltham Universal Series, 17 Jewel Plated Strap Watch **$34.50**

Attractive new small model case by Illinois, chromium plated, fully guaranteed against wear. Chased effect, bright finish with satin finish back. Famous Waltham Universal series 3/0 size, 7 jewel movement, stylish dial embossed gilt numerals, length of crystal 7/8 inch. Detachable stylish open link attachment, folding center catch adjusts to wrist size, extra leather strap with buckle to match case; replacement additional unbreakable crystal, a great convenience. Stylish gift box.

Make certain "Universal Series" is imprinted on every dial

Stylish attachments for men's watches—see page 67.

WALTHAM MODERNE—7 JEWELS

DW1337 Waltham Moderne, The New Model 350 ..... **$30.50**

A modern stylish curved back case by Illinois, neatly chased effect, satin finish with bright polished edges. Chromium plated for guaranteed against wear. Waltham famous Moderne 3/0 size 7 jewel movement, stylish dial, embossed gilt numerals. Link [illegible] plated [illegible]. Detachable fine leather strap, buckle same quality as case. Neat gift box.

Make certain "Moderne" is imprinted on every dial.

WALTHAM ROYALTY SERIES—7 JEWELS

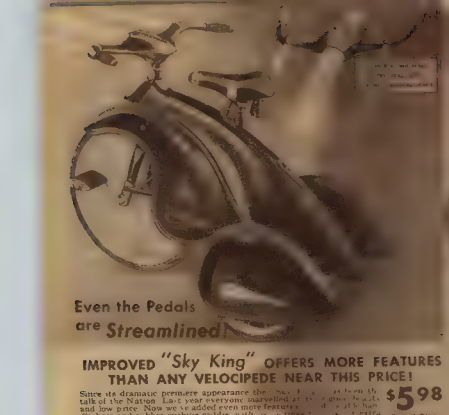
DW1338 10 kt. Yellow Gold Plate... **$24.00**
DW1339 14 kt. White Gold Filled... **26.50**

WALTHAM ROYALTY SERIES—17 JEWELS

***DW1340** 10 Kt. Yellow Gold Plate **$32.00**

A plain attractive case by Star, 10 kt. rolled gold plate, standard quality, Satin finish, bright polished edges. Waltham 3/0 size movement. Stylish dial, embossed gilt numerals, crystal length 7/8 inch. Fine calf leather strap, buckle to match case. Neat gift box.

Make certain "Royalty Series" appears on every dial
Only limited quantity available in 17 jewels.



IMPROVED "Sky King" OFFERS MORE FEATURES THAN ANY VELOCIPEDE NEAR THIS PRICE!

Since its dramatic premiere appearance the [illegible] talk of the Nation. Last year everyone marvelled at its [illegible] and low price. Now we've added even more features [illegible] ble bars and rubber cushion saddle with [illegible] comfortable. It's smooth looking, but no [illegible] flow frame hooded fenders and reinforced fork are no [illegible] auto steel. It's speedy too with its ball bearing [illegible] green cruising lights set in gull wing handle bars [illegible] cluded. Built in rear step plates. Steel spoke wheels [illegible] all of rubber. Red enamel, white trim. Priced lower at Wards. [illegible] Manuals

$5.98 Small Size

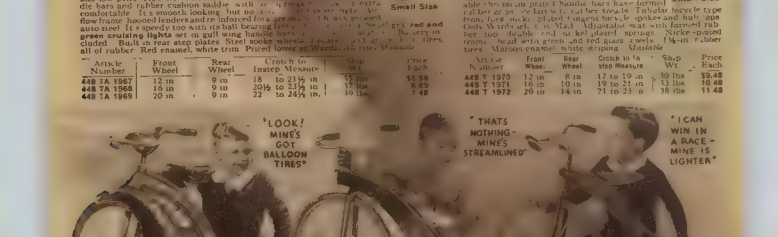
Article Number	Front Wheel	Rear Wheel	Crotch to Inseam Measure	Ship Wt.	Price Each
448 TA 1967	12 in	9 in	18 to 21½ in	35 lbs	$5.98
448 TA 1968	16 in	10 in	20½ to 23½ in	37 lbs	6.89
448 TA 1969	20 in	10 in	22 to 24½ in	39 lbs	7.48

Aluminum Frame—Stronger and Lighter Than Steel

A beauty with lots of speed [illegible] all wheels run smoothly on ball bearings. Pedaling [illegible] Streamline frame and step plates [illegible] lighter weight yet stronger than steel. All set under chrome plated handle bars has formed rail for grip. Saddle has coil rail bar treads. Tubular bicycle type front fork, nickel plated, tangent spoke and built right Ondis Wards seat. Has Maid Adjustable seat with formed rub ber top. Double rod to rod plated springs. Nickle-plated frame, head with green and red guard jewels. [illegible] tires. Maroon enamel, white striping. Manuals

$9.48 Small Size

Article Number	Front Wheel	Rear Wheel	Crotch to Inseam Measure	Ship Wt.	Price Each
448 T 1970	12 in	8 in	17 to 19 in	30 lbs	$9.48
448 T 1971	16 in	10 in	19 to 21 in	33 lbs	10.48
448 T 1972	20 in	14 in	21 to 23 in	38 lbs	11.48



Let Wards Budget Plan Solve Your Problems! See Page 61

"DON'T QUARREL, BOYS—THEY'RE ALL 'SWELL' VELOCIPEDES"

"I don't have to look out for any bumps with three great big 2 in air filled tires! Feels like I'm floating on a cloud! Has all these advance features: aero frame of formed steel, 2 in electric headlight with off and on switch (battery included). Adjustable gull-shaped handle bars, deep skirted fender adjustable black satin finish saddle with coil springs; ball bearing front wheel riveted aero spokes, built-in step plates. Red enameled frame, white wheels, spokes and stripings. Ship wts 29, 33 and 37 lbs. *All sizes Manlable*

$8.69 Small Size

Article Number	Front Wheel	Crotch to Inseam Measure	Price Each
448 T 1973	12 in	18 to 21½ in	$8.69
448 T 1974	16 in	21½ to 23 in	9.69
448 T 1975	20 in	22 to 24½ in	10.98

Boy, it's a winner! Light, racy looking and strongly built. Graceful frame made of heavy 20 gauge auto body steel stamped to form a strong rigid backbone. Heavy stamped steel front fork. Adjustable seat with heavy spring. Adjustable handle bars with rubber grips. Heavy steel spokes in rubber tires with step plates. Rubber pedals. Front wheel axle revolves on ball bearings.

Finished a bright green on frame and seat, cream color on handle bars and wheels. Nickel-plated frame cap and hub caps. *Measure child from crotch to instep for correct size.* Shipping weights, 20, 24 and 28 lbs. *All sizes Manlable*

$3.79 Small Size

Article Number	Front Wheel	Rear Wheel	Crotch to Instep Measure	Price Each
448 T 1976	12 in	8 in	17 to 19 in	$3.79
448 T 1977	16 in	10 in	19 to 21 in	4.39
448 T 1978	20 in	14 in	21 to 23 in	4.98

This modern streamlined Velocipede is priced exceptionally low—really no more than you would pay for those worth only many flat steel frames. Yet these prices bring you a new type, stronger and better steering. The heavy embossed formed steel frame will take all the abuse your energetic boy will give it. Handle bars braced with metal triangle shield. Formed rubber grips. The ball-bearing front wheel and rear wheel have 3/4 in rubber tires for quiet riding. Adjustable comfortable saddle can be raised 2 in. Red enameled frame with white stripping, cream colored riveted steel spoke wheels. Rubber pedals, nickel plated hub caps. *All sizes Manlable* Ship wts 19 21 and 26 lbs.

$2.79 Small Size

Article Number	Front Wheel	Rear Wheel	Crotch to Instep Measure	Price Each
448 TA 1935	12 in	8 in	16½ to 18½ in	$2.79
448 TA 1936	16 in	10 in	18½ to 21 in	3.29
448 TA 1937	20 in	12 in	20½ to 22½ in	4.19

HEAD ON VIEW OF SKIPPY RACER
Showing auto style front and design

A Wards 3-ply roll—tested wheels gone after 1700 mile road test

B Usual spot-welded wheel—started at 2

Extra strong fifth wheel construction for

ALL EYES FOLLOW WARDS DE LUXE COASTERS!

Beautiful! *"Yes, and They're Extra Strong!"* says Wards Bureau of Standards

Rich Colors—Super Quality Riverside Inflated Cord Tires $9.95

There's a surprise in store for you when you hop into this Coaster! . . . You'll sail away faster and ride easier than you ever thought possible! 10-in steel wheels have *ball-bearings* for speed, and giant *Riverside, pneumatic cord tires*, 2¼ in thick, to cushion every bump. (Require only 10 lbs. air.) Body is one piece auto-steel, 34½ by 16½ by 4½ in—no seams to rip apart. Enameled rich maroon and cream . . . as handsome as a shiny new auto!

Bright nickel plating on the wing-type bumper, side-rails, 2¾-in hub caps, and tubular steel handle. Rubber guard on handle. Has same fifth wheel construction for easy steering as Wards Standard (described on opposite page). For sketch of fifth wheel construction see insert above at left.

448 TA 1753—*Maxilable*. Ship. wt. 44 lbs. $9.95

Snappy Accessories! 1-inch Tires One of America's Finest Coasters $4.59

Most of you boys are pretty expert at judging wagons . . . You will see why this is one of America's most popular Coasters! The oversize steel body 34½ by 16½ by 4½ in is made like our "Standard" shown above, all in one piece! No seams to pull apart. Enameled green and cream. Wing-type steel bumper. Enameled side rails, and hub caps are nickel-plated. Tubular steel handle suitable for coasting or pulling loads.

Big 10¾-in. double-disc steel wheels have 3-ply construction, shown above at left. (They defy curb dents.) They glide on roller bearings with 1-in solid rubber tires. Steering is easy with the strong fifth wheel construction . . . the same as on Wards "Standard" (strength test shown on opposite page). For sketch of fifth wheel see insert above at left.

448 TA 1765—*Maxilable*. Ship. wt. 41 lbs..... $4.59

Roomy, Practical Roller-Bearing Coaster $2.19

You don't have to be a "lone wolf" when you ride this Wagon—there's plenty of room to take your pals, too! Along with you, Wards offer this over-size wagon, with easy gliding *roller-bearings*, and the same one-piece body construction found in our higher-priced wagons—all at this unusually low price!

The red enameled body is 20-gauge steel, stamped in one strong piece, 34½ by 16½ by 4½ in deep. No seams to tear apart or start rusting. No rough edges to tear clothes. Black enameled undergear is exceptionally strong.

8½-in double-disc steel wheels have 3-ply rust rims interlocked for strength. See small sketch above marked A. They resist curb dents and are more durable than ordinary welded type. ¾-in rubber tires. 1½-in hub caps are nickel-plated. Tubular handle. *Maxilable*.

448 T 1775—Ship. wt. 34 lbs.....$2.19

These Wagons Sold by Mail, Only at Wards

"My Customers Usually Ride Just Once, Then Buy a Skippy Racer of Their Own!" says Skippy

← $6.98 (Pictured on opposite page in color)

1. Smooth-flowing Streamlines—as sleek as the smartest new auto! Beneath the beauty is the strength of a tiro steel Auto-style front end has sloping radiator effect.

2 Built-in Electric Headlights. Recessed into the body, just like the most advanced automobiles

3 Positive Steering. You can take corners at high speed and parking is simple Handle rests on center steering knuckle for firm support for easy steering The front axle pivots on a steel turntable giving strength without the usual clumsy braces and also wing from wheels to turn freely

The designers of the Skippy Racer threw all the old ideas out of the window Even from the beginning it was created to be "Smart" looking Bright red baked-on enamel finish Red side louvers and radiator have white enamel trim The seat body is 20 in long and 12½ in wide In a masterpiece of engineering! From its cowl front it sweeps back with slanted fenders over all wheels to the tapered back of the body

The electric head lights, with 2¾ in mirrors, are controlled from a switch just below the steering wheel Handle bar pads Batteries included When coasting the engine tubular steel handle, 27 in long is held at a rest and headlight rims are chrome-on plated

10-in roller bearing wheels have 1-in solid rubber tires, and nickel-plated hub caps Handle of body measures 27 to 33 by 5⅛ in deep

148 T 1754—*Not Mailable* Ship wt 30 lbs **$6.98**

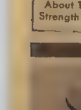
← $3.29 Wards "Standard" Equals Many $4.25 Coasters!

Read at Right About This Strength Test

Wards believe this is the best Wagon in America at this price and the equal in strength of any wagon at any price! The entire body 14½ by 30 in long by 4½ in deep is made of a single piece of 20 gauge auto-body steel The sleek fenders are reinforced on enamel inside and have a stande-wrt cleat fetter ing 10-in double-disc roller-bearing steel wheels with 9-in rubber tires on rubber and strong interlocking cord-dent designe I-pi, tire construction shown at left of wagon Axles are hooked steel bolts

Turning is made easier by the powerful fifth-wheel construction the axle pivots right on a turn-table, giving strength without cutting braces Small photo at left shows strength test made at Wards' Bureau of Standards Wagon was suspended by a sling placed through fifth wheel, and around the rear axle from which was hung a 625 lb power plant a 500-pound steam boiler and a beaver load balanced on the wagon body when upright This rocking torture failed to harm the wagon in any way

448 T 1780 *Mailable* Ship wt 36 lbs **$3.29**



SOLD EXCLUSIVELY AT WARDS

WANT TO BE STRONG? RIDE THESE!

Wards Finest Hand Car

The aristocrat of all Hand Cars! In step with modern ideas of speed and beauty. The iron body is heavy steel, finished in red and white baked-on enamel 38 in long, 20 in wide and 21 in high Engine wood saddle is 14½ in from the ground

Doctors often recommend hand cars to develop sturdy youngsters The pumping action strengthens muscles You guide with your feet on the front axle Pull-handle has formed rubber grips

Steel disc wheels roll smoothly on roller bearings 8-in front and 9½-in rear wheels have 1-in grooved rubber tires Nickel-plated hub caps are 2¾ in in diam Frame and axle are strong steel *Mailable*

448 T 1855—Ship wt. 57 lbs **$7.98**

Low-Priced Hand Car

Children 3 to 6 years old will spend all their playtime on this Hand Car bundling strong muscles while they ride It's a fine health developing toy Often recommended by doctors because it strengthens muscles and develops lungs It is propelled by pushing and pulling the wood handle, and guided by the feet on front axle Light weight, just right for a child and yet sturdy enough to take lots of punishment The body at this low price Blue enameled steel frame and gears with bright tangerine enameled pull handle and seat Saddle formed smooth wood seat is 8¾ in from the floor Strong wire wheels (6½ in front wheels 8½ in rear wheels) have ½-in. solid rubber tires

Size overall, 32¾ in long, 16 in wide Height of handle 17 in. Ship wt 15 lbs

448 TA 1854—*Mailable*. . . **$2.98**

Streamlined Scooter Beauty! Speed! Strength!

$4.39

Skippy rides the handed demon! It looks powerful and IS! You'll zip along without half trying for the 10-in steel disc wheels with 1-in rubber tires ride on ball bearings The frame, fork, full-hooded fenders and running board are made of 20 gauge auto steel, enameled bright red with white trim Wheels are white with red stripe Rubber mat covers step pad Complete with wooden handle, foot brake and steel pad-stand Skippy pennant mounted 43 in long, 32 in to top of handle. *Mailable*

448 T 1880— Ship wt 26 lbs **$4.39**

Wards De Luxe Scooter Air-filled Balloon Tires

$4.98

You'll get a "magic carpet" ride on this Scooter those *Riverside pneumatic tires*, 2¾ in diam float over the bumps (Require only 10 lbs of air.) You can pump them up with Dad's tire pump or at any gas station Wards have added *ball-bearings* to the 10-in steel disc wheels Nickel plated hub caps are 2¾ in diam Sturdy steel frame is blue enameled, trimmed in white, 40 in long, 31 in high. Red corrugated wood footboard, hardwood handle, steel parking stand, footbrake, and nickel-plated bicycle bell *Mailable*

448 TA 1868— Ship wt 19 lbs **$4.98**

Buy Your Christmas Gifts at Wards
ON MONTHLY PAYMENTS—See Page 61

LOW PRICED STREAMLINED SCOOTERS

25½ in. long, 29 in. high! Streamlined frame is heavy steel, with green enamel finish 8½ in plain-bearing, rim-rolled steel wheels are red and cream, ¾-in rubber tires. Strong wood platform and handy parking stand. Shipping weight 13 lbs.

448 TA 1865—*Mailable*. . . **95c**

41 in. long, 31 in. high —the "big brother" of the Scooter shown at the left Complete with nickel-plated bicycle bell, foot brake, and steel parking stand Big 10-in rim-rolled steel disc wheels have roller bearings. 1-in rubber tires Corrugated wood platform, 14½ by 4⅛ in wide, is bolted to the streamlined frame Wheels and platform enameled bright red, frame is green *Mailable*

448 T 1869—Ship. wt. 19 lbs . . **$1.95**

How to Order Information on Page 61

1847 ROGERS BROS.

ORIGINAL ROGERS SILVERPLATE

Viande* Dinner Fork

Teaspoon

Viande* Dinner Knife
Mirror Stainless

Marquise

. . a lovely pattern of rich decoration fashioned in the Old English manner.

		Per Dozen List	Retail
	SPOONS		
9101	Tea	$ 9.00	$ 7.50
9102	Dessert or Oval Soup	18.00	15.00
9103	Table	18.00	15.00
9104	Soup, Round Bowl	18.00	15.00
91008	After Dinner Coffee	7.80	6.50
91005	Bouillon	14.40	12.00
91006	Cream Soup	18.00	15.00
91010	Fruit Cocktail (5 O'Clock Tea)	9.00	7.50
91014	Grape Fruit or Orange	12.00	10.00
91012	Iced Tea	14.40	12.00
	FORKS		
9107V	Viande*, Dinner Size	18.00	15.00
9108V	Viande*, Luncheon Size	18.00	15.00
9105	Dinner, Long Tines	18.00	15.00
9106	Luncheon, Long Tines	18.00	15.00
91105	Ice Cream	12.00	10.00
91106	Oyster or Cocktail	12.00	10.00
91114	Salad	15.60	13.00
	KNIVES		
91209	Butter Spreaders	14.40	12.00
	Hollow Handle, Mirror Stainless		
91407V	Viande*, Dinner Size	30.60	25.50
91408V	Viande*, Luncheon Size	30.60	25.50
91402M	Dinner, Long Blade	30.60	25.50
91404M	Luncheon, Long Blade	30.60	25.50
91406M	Fruit, French Blade	26.40	22.00
	Modeled Handle, Mirror Stainless		
91472M	Dinner	21.00	17.50
	SERVING PIECES	Each	
91201	Butter Knife or Server	$1.20	$1.00
91017	Sugar Spoon	1.20	1.00
91277	Sugar Tongs	2.10	1.75
91108	Pickle Fork	1.50	1.25
91227	Gravy Ladle	2.70	2.25
91226	Sauce Ladle, Small	2.10	1.75
91103	Serving or Cold Meat Fork, Large	2.70	2.25
91019	Serving or Berry Spoon	2.70	2.25
91204	Jelly Server	2.10	1.75
91252	Round Server	2.70	2.25
91253	Long Server	4.20	3.50
91254	Pie or Ice Cream Knife; Hollow Handle, Mirror Stainless Blade	4.20	3.50

HOLD-EDGE* CARVING SETS

Hollow Handles, Mirror Stainless Blades and Tines

		Set
91436M	3 Pc. Large Carving Set (Fork, Steel and Knife, 8-inch Blade)	$18.00	$15.00
91437M	2 Pc. Game Carving Set (Fork and Knife, 7-inch Blade)	9.60	8.00
91438M	3 Pc. Steak or Bird Set (Fork, Steel and Knife, 6-inch Blade)	9.60	8.00
91439M	2 Pc. Steak or Bird Set (Fork and Knife, 6-inch Blade)	7.20	6.00
91441M	3 Pc. Double Serving Carving Set (Fork and 2 Knives, with 8-inch and 7-inch Blades)	18.00	15.00
91442M	4 Pc. Complete Service Carving Set (2 Pc. Large Carving Set, 8-inch Blade and 2 Pc. Steak or Bird Set, 6-inch Blade)	19.80	16.50

		Each	
	BABY SETS AND PIECES		
91001	Baby Spoon, Bent	$1.20	$1.00
91002	Baby Spoon, Short	1.20	1.00
91304	Baby Spoon and Fork, Short Handles	2.40	2.00
	CHILD'S SET		
91353M	Hollow Handle Knife, Mirror Stainless French Blade, Fork and Spoon	4.20	3.50

*Reg. U. S. Pat. Off.

1847 ROGERS BROS. IS

ORIGINAL ROGERS SILVERPLATE

Sylvia

. a dainty pattern of feminine grace with lovely oval for monograming or initialing.

		Per Dozen List	Retail
	SPOONS		
9201	Tea	$ 9.00	$ 7.50
9202	Dessert or Oval Soup	18.00	15 00
9203	Table	18 00	15.00
9204	Soup, Round Bowl	18 00	15.00
92008	After Dinner Coffee	7 80	6.50
92005	Bouillon	14 40	12 00
92006	Cream Soup	18 00	15.00
92010	Fruit Cocktail (5 O'Clock Tea)	9.00	7.50
92014	Grape Fruit or Orange	12 00	10.00
92012	Iced Tea	14 40	12 00
	FORKS		
9207V	Viande*, Dinner Size	18.00	15.00
9208V	Viande*, Luncheon Size	18.00	15.00
9205	Dinner, Long Tines	18.00	15.00
9206	Luncheon, Long Tines	18.00	15.00
92105	Ice Cream	12 00	10.00
92106	Oyster or Cocktail	12.00	10.00
92114	Salad	15 60	13 00
	KNIVES		
92209	Butter Spreaders	14.40	12 00
	Hollow Handle, Mirror Stainless		
92407V	Viande*, Dinner Size	30.60	25 50
92408V	Viande*, Luncheon Size	30.60	25.50
92402M	Dinner, Long Blade	30.60	25.50
92404M	Luncheon, Long Blade	30.60	25.50
92406M	Fruit, French Blade	26.40	22 00
	Modeled Handle, Mirror Stainless		
92472M	Dinner	21.00	17.50
	SERVING PIECES	Each	
92201	Butter Knife or Server	$1.20	$1 00
92017	Sugar Spoon	1.20	1.00
92277	Sugar Tongs	2.10	1.75
92108	Pickle Fork	1.50	1 25
92227	Gravy Ladle	2.70	2 25
92226	Sauce Ladle, Small	2.10	1 75
92103	Serving or Cold Meat Fork, Large	2.70	2 25
92019	Serving or Berry Spoon	2.70	2 25
92204	Jelly Server	2.10	1 75
92252	Round Server	2.70	2.25
92253	Long Server	4.20	3 50
92254	Pie or Ice Cream Knife; Hollow Handle, Mirror Stainless Blade	4.20	3 50

HOLD-EDGE* CARVING SETS

	Hollow Handles, Mirror Stainless Blades and Tines	Set	
92436M	3 Pc. Large Carving Set (Fork, Steel and Knife, 8-inch Blade)	$18.00	$15.00
92437M	2 Pc. Game Carving Set (Fork and Knife, 7-inch Blade)	9.60	8.00
92438M	3 Pc. Steak or Bird Set (Fork, Steel and Knife, 6-inch Blade)	9.60	8 00
92439M	2 Pc. Steak or Bird Set (Fork and Knife, 6-inch Blade)	7.20	6.00
92441M	3 Pc Double Serving Carving Set (Fork and 2 Knives, with 8-inch and 7-inch Blades)	18 00	15.00
92442M	4 Pc Complete Service Carving Set (2 Pc. Large Carving Set, 8-inch Blade and 2 Pc. Steak or Bird Set, 6-inch Blade)	19 80	16.50

BABY SETS AND PIECES

		Each	
92001	Baby Spoon, Bent	$1.20	$1 00
92002	Baby Spoon, Short	1.20	1.00
92504	Baby Spoon and Fork, Short Handles	2.40	2.00
	CHILD'S SET		
92353M	Hollow Handle Knife, Mirror Stainless French Blade, Fork and Spoon	4.20	3.50

*Reg U S. Pat Off

Teaspoon

Viande* Dinner Fork

Viande* Dinner Knife Mirror Stainless

IS 1847 ROGERS BROS.

ORIGINAL ROGERS SILVERPLATE

Viande* Dinner Fork

Viande* Dinner Knife Mirror Stainless

Legacy

. . . a pattern of dignity and simplicity in the Colonial manner.

Legacy	Ambassador		Per Dozen List	Per Dozen Retail
		SPOONS		
8801	8401	Tea	$ 9 00	$ 7 50
8802	8402	Dessert or Oval Soup	18 00	15 00
8803	8403	Table	18.00	15 00
8804	8404	Soup, Round Bowl	18 00	15.00
88008	84008	After Dinner Coffee	7 80	6 50
88005	84005	Bouillon	14.40	12 00
88006	84006	Cream Soup	18 00	15 00
88010	84010	Fruit Cocktail (5 O'Clock Tea)	9 00	7 50
88014	84014	Grape Fruit or Orange	12 00	10 00
88012	84012	Iced Tea	14 40	12 00
		FORKS		
8807V	8407V	Viande*, Dinner Size	18.00	15.00
8805	8405	Dinner, Long Tines	18.00	15.00
8806	8406	Luncheon, Long Tines	18.00	15.00
88105	84105	Ice Cream	12.00	10 00
88106	84106	Oyster or Cocktail	12.00	10.00
88114	84114	Salad	15.60	13.00
		KNIVES		
88209	84209	Butter Spreaders	14.40	12 00
		Hollow Handle, Mirror Stainless		
8807V	8407V	Viande*, Dinner Size	30.60	25 50
88402M	84402M	Dinner, Long Blade	30.60	25 50
88404M	84404M	Luncheon, Long Blade	30.60	25.50
88406M	84406M	Fruit, French Blade	26.40	22 00
		Modeled Handle, Mirror Stainless		
88472M	84472M	Dinner	21.00	17.50
		SERVING PIECES	Each	
88201	84201	Butter Knife or Server	$1.20	$1 00
88017	84017	Sugar Spoon	1.20	1.00
88277	84277	Sugar Tongs	2.10	1.75
88108	84108	Pickle Fork	1.50	1 25
88227	84227	Gravy Ladle	2.70	2.25
88226	84226	Sauce Ladle, Small	2 10	1 75
88103	84103	Serving or Cold Meat Fork, Large	2.70	2 25
88104	84104	Serving or Cold Meat Fork, Small	2 40	2 00
88019	84019	Serving or Berry Spoon	2.70	2 25
88204	84204	Jelly Server	2.10	1 75
88252	84252	Round Server	2.70	2 25
88253	84253	Long Server	4.20	3 50
88254	84254	Pie or Ice Cream Knife; Hollow Handle, Mirror Stainless Blade	4 20	3 50
		HOLD-EDGE* CARVING SETS Hollow Handles, Mirror Stainless Blades and Tines	Set	
88436M	84436M	3 Pc. Large Carving Set (Fork, Steel and Knife, 8-inch Blade)	$18.00	$15.00
88437M	84437M	2 Pc. Game Carving Set (Fork and Knife, 7-inch Blade)	9 60	8 00
88438M	84438M	3 Pc. Steak or Bird Set (Fork, Steel and Knife, 6-inch Blade)	9.60	8.00
88439M	84439M	2 Pc. Steak or Bird Set (Fork and Knife, 6-inch Blade)	7.20	6 00
88441M	84441M	3 Pc. Double Serving Carving Set (Fork and 2 Knives, with 8-inch and 7-inch Blades)	18 00	15.00
88442M	84442M	4 Pc. Complete Service Carving Set (2 Pc. Large Carving Set, 8-inch Blade and 2 Pc. Steak or Bird Set, 6-inch Blade)	19.80	16.50
		BABY SETS AND PIECES	Each	
88001	84001	Baby Spoon, Bent	$1.20	$1.00
88002	84002	Baby Spoon, Short	1 20	1.00
88304	84304	Baby Spoon and Fork, Short Handles	2.40	2.00
		CHILD'S SET		
88553M	84553M	Hollow Handle Knife, Mirror Stainless French Blade, Fork and Spoon	4.20	3 50

*Reg. U. S. Pat Off.

Viande* Dinner Fork

Viande* Dinner Knife Mirror Stainless

Ambassador

. . . graceful, floral charm significant of its name

1847 ROGERS BROS. IS

ORIGINAL ROGERS SILVERPLATE

Viande* Dinner Fork

Viande* Dinner Knife Mirror Stainless

Viande* Dinner Fork

Viande* Dinner Knife Mirror Stainless

Her Majesty	Silhouette		Per Dozen List	Per Dozen Retail
		SPOONS		
90001	89001	Tea	$ 9.00	$ 7.50
90002	89002	Dessert or Oval Soup	18.00	15.00
90003	89003	Table	18.00	15.00
90004	89004	Soup, Round Bowl	18.00	15.00
90008	89008	After Dinner Coffee	7.80	6.50
90005	89005	Bouillon	14.40	12.00
90006	89006	Cream Soup	18.00	15.00
90010	89010	Fruit Cocktail (5 O'Clock Tea)	12.00	10.00
90014	89014	Grape Fruit or Orange	9.00	7.50
90012	89012	Iced Tea	14.40	12.00
		FORKS		
9007V	8907V	Viande*, Dinner Size	18.00	15.00
9008V	8908V	Viande*, Luncheon Size	18.00	15.00
9005	8905	Dinner, Long Tines	18.00	15.00
9006	8906	Luncheon, Long Tines	18.00	15.00
90115	89115	Ice Cream	12.00	10.00
90106	89106	Oyster or Cocktail	12.00	10.00
90114	89114	Salad	15.60	13.00
		KNIVES		
90209	89209	Butter Spreaders	14.40	12.00
		Hollow Handle, Mirror Stainless		
90407V	89407V	Viande*, Dinner Size	30.60	25.50
90408V	89408V	Viande*, Luncheon Size	30.60	25.50
90402M	89402M	Dinner, Long Blade	30.60	25.50
90404M	89404M	Luncheon, Long Blade	30.60	25.50
90406M	89406M	Fruit, French Blade	26.40	22.00
		Modeled Handle, Mirror Stainless		
90472M	89472M	Dinner	21.00	17.50
		SERVING PIECES	Each	
90201	89201	Butter Knife or Server	$1.20	$1.00
90017	89017	Sugar Spoon	1.20	1.00
90277	89277	Sugar Tongs	2.10	1.75
90198	89198	Pickle Fork	1.50	1.25
90227	89227	Gravy Ladle	2.70	2.25
90226	89226	Sauce Ladle, Small	2.10	1.75
90103	89103	Serving or Cold Meat Fork, Large	2.70	2.25
	89104	†Serving or Cold Meat Fork, Small	2.40	2.00
90019	89019	Serving or Berry Spoon	2.70	2.25
90204	89204	Jelly Server	2.10	1.75
90252	89252	Round Server	2.70	2.25
90253	89253	Long Server	4.20	3.50
90254	89254	Pie or Ice Cream Knife; Hollow Handle, Mirror Stainless Blade	4.20	3.50
		HOLD-EDGE* CARVING SETS		
		Hollow Handles, Mirror Stainless Blades and Tines	Set	
90436M	89436M	3 Pc. Large Carving Set (Fork, Steel and Knife, 8-inch Blade)	$18.00	$15.00
90437M	89437M	2 Pc. Game Carving Set (Fork and Knife, 7-inch Blade)	9.60	8.00
90438M	89438M	3 Pc. Steak or Bird Set (Fork, Steel and Knife, 6-inch Blade)	9.60	8.00
90439M	89439M	2 Pc. Steak or Bird Set (Fork and Knife, 6-inch Blade)	7.20	6.00
90441M	89441M	3 Pc. Double Serving Carving Set (Fork and 2 Knives, with 8-inch and 7-inch Blades)	18.00	15.00
90442M	89442M	4 Pc. Complete Service Carving Set (2 Pc. Large Carving Set, 8-inch Blade and 2 Pc. Steak or Bird Set, 6-inch Blade)	19.80	16.50
		BABY SETS AND PIECES	Each	
90001	89001	Baby Spoon, Bent	$1.20	$1.00
90002	89002	Baby Spoon, Short	1.20	1.00
90304	89304	Baby Spoon and Fork, Short Handles	2.40	2.00
		CHILD'S SET		
90353M	89353M	Hollow Handle Knife, Mirror Stainless French Blade, Fork and Spoon	4.20	3.50

*Reg. U. S. Pat. Off. †Not Made in Her Majesty.

Her Majesty

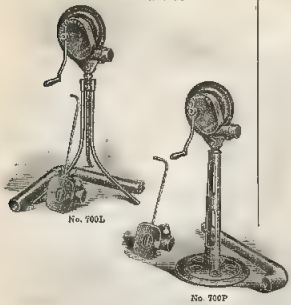
a lovely sculptured design, yet simple in outline.

Silhouette

. . . a smart pattern in the contemporary manner

BLACKSMITHS BLOWERS

BUFFALO-CLIMAX



Pedestal Base or Legs; Diameter of Fan Case, 12 inches; Gear Ratio, 47½ to 1; Steel Shaft; Bronze Bushings; All Steel Gear and Fan Case; Height Over All, 45 inches, Height of Gear Case, 13 inches; Complete with Tuyere Iron and Galvanized Blast Connecting Pipe.

Each

No. 700L—With Three Legs; Weight Each, 71 lbs $34 70

No. 700P—On Pedestal; Weight Each, 100 lbs..... 35 70

One in a Crate

BUFFALO

Heavy Pressed Steel Fan Case; One Piece Cast Iron Gear Case with Removable Cover Keeps Gears in Perfect Alignment and Makes Inspection Easy, The Helical Pinion is Cut from the Steel Fan Shaft; Quiet in Operation and Adds Strength to Entire Gear Assembly, New Departure Ball Bearings, Gear Ratio 47½ to 1, An Eccentric Main Bearing Permits Wear to be Taken Up On Shaft End; End Thrust on Shaft is Taken up with Adjustable Ball Bearing; Mounted on Four Strong Steel Pipe Legs Equipped with Vulcan Tuyere Iron and Two 19 inch Lengths of 3 inch Pipe and Elbow.

Each

No 260 Net Weight Each, 123 lbs.; Crated, 133 lbs..... $63 80

One in a Crate

BLACKSMITHS BLOWERS

BUFFALO

Geared Blower; 070 Series with Bronze Bushings; Blower Mounted on Three Heavy Pipe Steel Legs; Round Tuyere Iron with Clinker Breaking Valve, and Ash Grate and Piping; 10 inch Fan; Gear Ratio 36 to 1.

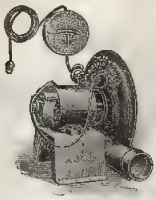
Each

No. 1070—Weight Each, Crated, 58 lbs $23.00

One in a Fibre Board Carton

ELECTRIC BLOWERS

BUFFALO



Designed Primarily for Forge Fires, but Used Extensively for Blowing Small Furnaces, Church Organs, etc.; Motor will Operate Efficiently and Satisfactorily on Any Circuit, Direct or Alternating Current, Single Phase 25, 40, 60 or 60 Cycle.

Brushes are Large and Easily Accessible Through Hinged Doors; Oil Ring Bearings; Ball Bearings Furnished if Desired at Same Price

Fifteen Feet of Wire and Plug, and Six Speed Butler Hammer Regulator Fully Enclosed, Giving Six Variations of Blast; 2900 Revolutions per Minute; Diameter of Outlet, 3 inches; Height, 15 inches.

When Ordering Simply State if for 110 or 220 Volts; 1/10 H. P. Motor.

Each

No. 2E110—Weight Each, 29 lbs.....$24.70

†No. 2E220—Weight Each, 38 lbs.....33 30

One in a Crate

PORTABLE FORGES

BUFFALO

For General Blacksmith Work in Garages and Railway Shops; Strong and Durable, Equipped with No. 200 Silent Geared Blower Running on New Departure Ball Bearings; One Piece Cast Iron Gear Case with Removable Cover for Inspection; The Helical Pinion is Cut from the Steel Fan Shaft Which Adds Strength to Entire Gear Assembly; an Eccentric Main Bearing Permits Wear to Be Taken Up by Easy Adjustment on Shaft End; End Thrust on Shaft is Taken Up by Adjustable Ball Bearing; 12 inch Fan Case; Gear Ratio 47½ to 1, Vulcan Tuyere Iron; Heavy Cast Iron Fire Pan; Pressed Steel Hood and Water Tank; Heavy Steel Pipe Legs Securely Braced; Wrought Iron Drop Tool Rest; Fan 28x40x3 inches; Water Tank, 24x8½x6½ inches; Height to Top of Fan, 33 inches; Height Over All, 66 inches; Diameter of Fan Case, 12 inches;

Each

No. 243H—Weight Each, 318 lbs $103 70

No. 243HNT—Without Tank; Weight Each, 300 lbs.... ..... 94 60

One in a Crate

BUFFALO

One Piece Pressed Steel Hearth; Seamless, with Geared Blower, Machine Cut Gears and Pinions; Gear Ratio 47½ to 1, Giving Powerful Blast; 12 inch Fan Case, Angle Iron Legs; Steel Cross Braces; Height to Top of Hood, 55 inches; Height to Top of Hearth, 30 inches; Pipe Opening on Top of Hood, 7 inches; 2½ inch Flange Around Hearth as Tool Rest.

Nos.	Size Hearth, inches	Weight Each, Crated, lbs.	Each
735H	24x30x3	161	$66 50
736H	24x30x6	183	75.50

One in a Crate

Items Marked † Not Carried in Stock: Can Only be Furnished by Shipping Direct from Factory, F. O. B. Buffalo, N. Y.

PORTABLE FORGES

BUFFALO

No. 4. 8310-212 Nos. 210H-212H

Heavy Pressed Steel Bowl; Geared Hand Blower; New Departure Ball Bearings.

For Use on Bridge and Structural Steel Building, Boiler Making and General Outdoor Work; Also for Tool Dressing, Light Forging, Tempering and Annealing; Tubular Steel Spread Legs; Enclosed Gears Run in Oil and Weather-proof Case; Cast Iron Gear Case and Blower Painted Steel Blue.

Heavy Pressed Steel Bowl and Strong Fire Blast Fit these Forges Especially for Rivet Heating; Provided with 12 inch No. 200 Geared Blower; New Departure Ball Bearings; the Gears Run in Oil; One Piece Gear Case, Dust Proof.

Blower and Legs Fastened to Hearth with Strong Clamps; Quickly Released; Permitting Forge to be Knocked Down for Transporting from Job to Job.

Height to Top of Fire Pan, 35½ inches; Height Over All, 45 inches; Diameter of Fan, 12 inches; Depth of Pan, 6 inches.

Rivet Forge With Shield
Without Hood

Nos.	Diameter Bowl, ins.	Weight Each, lbs.	Each
210	18	96	$68 70
212	24	115	83.00

One in a Crate

Rivet Forge With Open Hood

Nos.	Diameter Bowl, ins.	Weight Each, lbs.	Each
†210H	18	102	$72 20
†212H	24	121	87 00

One in a Crate

AGRICULTURAL FORGES

BUFFALO

No. 061H No. 061

"BUFCO" AGRICULTURAL

For Light Repairing, Rivet Heating and Farm Use.

Heavy Pressed Steel One Piece Hearth; Mounted on Three Jointed Steel Legs.

Tuyere Plate is Perforated to Give an Even Spread of Blast.

Fitted with "Bufco" Blower; Gear Ratio, 36 to 1; 6½-inch Pressed Steel Fan; Dust Tight Gear Case; Cut Steel Gears; Bronze Bushings.

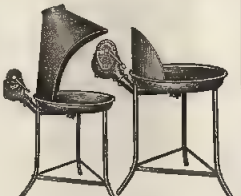
Diameter of Hearth, 18 inches; 8 inches Deep; Height to Top of Bowl, 30 inches.

Each

No. 061H—With Half Hood; Geared Blower; Height Over All, 54 inches; Weight Each, 41 lbs. $19.50

No. 061—With Shield; Geared Blower; Height Over All, 40 inches; Weight Each 36 lbs. 16.00

Knocked Down; One in a Fibre Board Carton



No. 062H No. 062

BUFFALO

For Light Repairing, Rivet Heating and Farm Use

Heavy Pressed Steel One Piece Hearth; Tubular Steel Legs.

Tuyere Plate Perforated to Give Even Spread of Blast

Fitted with "Bufco" Blower; Gear Ratio, 36 to 1; Steel Fan, Dust Tight Gear Case; Cut Steel Gears; Bronze Bushings

Diameter of Hearth, 24 inches; 3 inches Deep; Height to Top of Bowl, 30 inches.

Each

No. 062H—With Half Hood; Geared Blower; Height Over All, 54 inches; Weight Each, 58 lbs. $27.00

No. 062—With Shield; Geared Blower; Height Over All, 41 inches; Weight Each, 45 lbs. 23.50

One in a Crate

BELLOWS

MOULDERS

Grained Wood Boards; Extension Handles with Leather Loop for Fastening; Galvanized Funnel; Smooth Leather Sides or Folds, with Finished Leather Strips Tacked on; Leather Covered Nose, Studded with Tacks; Leather Valve.

Nos.	Width, ins.	Lgth., ins.	Wt. per Doz. lbs.	Per Dozen
M10	10	20½	30	$51.00
M12	12	23	36	66.00

Loose

HAND

For Starting Household Fire; Blowing Dust out of Pianos, Machinery, etc.; Grained Boards with Extension Handles and Leather Loop; Smooth Leather Sides or Folds; Plain Leather Edge Strips; Galvanized Iron Funnel; No. H12 Has Cleated Boards.

Nos.	Width, ins.	Lgth., ins.	Wt. per Doz. lbs.	Per Dozen
H8	8	17	14	$31 00
H10	9½	19	24	38.00
H12	11⅜	21½	33	50.50

Loose

WELDING COMPOUND

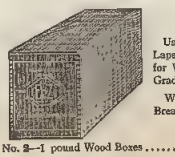
CHERRY HEAT

Welds Iron and Steel at Low Heat; Welds Iron to Iron, Steel to Steel and Iron to Steel.

Per Pound

No. 1—In 1 pound Wood Boxes $0 40
No. 5—In 5 pound Wood Boxes ..... .30

Sold Only in Full Packages



E-Z

Used Between Laps of Welds; for Welding All Grades of Steel.

We Will Not Break Packages.

Per Pound

No. 2—1 pound Wood Boxes $0 40

No. 3—5 pound Wood Boxes ..... .30

Sold Only in Full Packages

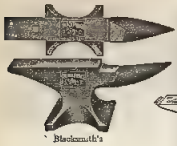
Items Marked † Not Carried in Stock, Can Only be Furnished by Shipping Direct From Factory, F. O. B., Buffalo, N. Y.

ANVILS

*SIMPLEX'S

BLACK PRINCE

TRADE MARK REGISTERED — IN THE U. S. PAT. OFFICE


Blacksmith's

Horse Shoer's or Farriers

Wrought Iron Body Solid Forged in Two Pieces, Welded at the Waist; Face is One Solid Piece of Special High Grade Tool Steel, Welded to Body, Carefully Ground, Smooth and Polished; Long, Perfectly Shaped Horn and Heel; Great Area at Spread of Base, Giving Steadiness When Working at End of Horn; Hardie and Pritchel Holes and Other Mechanical Details Accurately Designed.

Note—Black Prince Anvils are Tempered and Tested to Suit the Majority of Smiths; No Claim or Defective will be Allowed.

BLACKSMITH
For General Forging

Nos.	Face, Inches	Horn, Inches	Hardie Hole, ins.	Pritchel Hole, in.
‡50/59	3x11	8	5/8	1/4
‡60/69	3x11	8	5/8	*
‡70/79	3 1/8x11 1/4	8 1/4	3/4	*
90/99	3 1/4x12	8 1/2	7/8	*
100/109	3 1/4x12	8 1/2	7/8	*
110/119	3 1/4x13	8 3/4	7/8	*
120/139	3 1/4x13	9	1 1/8	*
140/159	3 1/4x13 1/4	9 1/2	1	*
160/179	4x13 1/4	9 1/2	1	*
180/199	4 1/4x13 1/4	10 1/2	1 1/4	*
‡250/299	4 1/2x18	11 1/2	1 1/4	*
‡300/349	5x18	12 1/2	1 1/4	*
‡350/399	5 1/2x19 1/2	13 1/2	1 1/4	*
‡400/449	6x20	14 1/2	1 1/2	*
‡450/499	6x21	15	1 1/2	*
‡500/600	6 1/2x22	16 1/2	1 1/2	*

Nos.	Weight, lbs.	Per Pound
‡50/59	50 to 59	$0.55
‡60/69	60 to 69	.50
‡70/79	70 to 79	.45
90/99	90 to 99	.40
100/109	100 to 109	.40
110/119	110 to 119	40
120/139	120 to 139	.40
140/159	140 to 159	.40
160/179	160 to 179	.40
180/199	180 to 199	.40
‡250/299	250 to 299	.45
‡300/349	300 to 349	.45
‡350/399	350 to 399	.45
‡400/449	400 to 449	.45
‡450/499	450 to 499	45
‡500/600	500 to 600	45

Wrapped in Burlap

HORSE SHOERS OR FARRIERS
Clip Horn

Farriers Anvils have Two Pritchel Holes.

Nos.	Face, Inches	Horn, Inches	Hardie Hole, in.	Pritchel Hole, in.
‡C150	3 1/4x15 1/2	13	1	*
‡C175	3 1/4x16 3/4	12 3/4	1	*
‡C200	4x18	13 3/4	1	*

Nos.	Weight, lbs.	Per Pound
‡C150	150	$0.50
‡C175	175	.50
‡C200	200	.50

Wrapped in Burlap

VULCAN BLACKSMITH

Facing of One Solid Piece of Tool Steel, Tempered, Ground and Polished, and Welded to the Body by a Special Process; The Horn is Covered With, and its Extremity Made Entirely of Tough Untempered Steel; Body is Made of Best Quality Gray Iron.

Nos.	Weight, lbs.	Face, ins.	Horn, in.	Hardie Hole, in.	Each
V6	60	3 1/4x10 1/2	7	5/8	$17.30
V7	70	3 1/4x11	7 1/2	3/4	18.70
V8	80	3 1/4x11 1/2	7 5/8	3/4	19 50
V9	90	3 1/4x12	7	3/4	21 00
V10	100	3 1/4x12 1/2	7 5/8	7/8	22 50
‡V11	110	3 1/4x13	7 3/4	7/8	23 70
‡V12	120	3 3/4x13	7 3/4	1	26 00
‡V13	130	3 3/4x13 3/4	7 3/4	1	28 70

Wrapped in Burlap

ANVILS

STANDARD

Made of a Special Very Tough Cast Iron; Painted Black; Ground Face; Polished and Lacquered; Well Proportioned; a Good General Purpose Anvil for Repair Shops, Farmers, Country Blacksmiths, Etc.

Nos.	Weight, lbs.	Face, ins.	Height, ins.	Per Pound
S70	70	3 1/4x11	8 1/4	$0 15
S100	100	3 1/4x15	9 1/4	.15

Loose

BLACKSMITHS APRONS

Oak Split Leather With Bib

With Nickel Plated Brass Eyelets; Strings Tied; Oak Tanned; Solid Leather; Size, 28x38 Inches.

Per Dozen

No. OE—Weight Each, 21 ozs.; Weight per Dozen, 15 3/4 lbs. $33 50

Loose

Muleskin Without Bib

Gray Color; Two-Piece; Double Seamed and Riveted to Split; Size, 26x34 inches.

Per Dozen

No. M—Weight Each, 2 1/4 lbs.; Weight per Dozen, 27 lbs. $32 50

Loose

BOSS

Oak Split Leather Without Bib

With Nickel Plated Brass Eyelets; Strings Tied; Oak Tanned; Solid Leather

Nos.	Size, ins.	Wt Each, ozs.	Wt. per Dozen, lbs.	Per Dozen
OC	24x27	14	10 3/4	$54 00
OX	30x36	27	20 1/4	92.50

Loose

Items Marked ‡ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B. Columbus, Ohio.

ANVIL TOOLS

TOP SWAGES

Best Grade Forged Tool Steel, Painted Black, Hardened Faces, Oval Eye for Handle; Length, 5½ to 6 inches.

Nos.	Size, ins.	Weight Each, lbs.	Each
TS⅝	⅝	2	$1.80
TS½	½	2¼	1.90
TS⅝	⅝	2½	2 05
TS¾	¾	2¾	2 05
TS⅞	⅞	2⅞	2 85
TS1	1	3	2.35
TS1¼	1¼	3¼	2.80
TS1½	1½	3⅞	2.85
TS1¾	1¾	4¾	3 10

Loose

BOTTOM SWAGES

Best Grade Forged Tool Steel, Painted Black, Hardened Faces; for 1-inch Anvil Hole; Length, 4 to 4½ inches.

Nos.	Size, ins.	Weight Each, lbs.	Each
BS⅞	⅞	1¾	$1.80
BS1½	1½	2	1 90
BS⅝	⅝	2	2 05
BS¾	¾	2¼	2.05
BS⅞	⅞	2½	2 35
BS1	1	2½	2.35
BS1¼	1¼	3	2.80
BS1½	1½	4	2.85
BS1¾	1¾	4	3.10

Loose

FLATTERS

Square Faces

Best Grade Forged Steel, Painted Black, Hardened Faces and Heads; Oval Eye for Handle.

Nos.	Size Face, ins.	Length, ins.	Wt. Each, lbs.	Each
F2	2	5	2½	$2.10
F2½	2½	5	3½	2.85
F3	3	5½	5	3.60
F3½	3½	6½	6½	5.10

Loose

ANVIL TOOLS

TOP FULLERS

Best Grade Forged Tool Steel, Painted Black, Hardened Faces; Oval Eye for Handle; Length, 6 to 6½ inches.

Nos.	Size, ins.	Weight Each, lbs.	Each
TF⅝	⅝	2¾	$1.90
TF½	½	2¾	1.90
TF¾	¾	3	2.05
TF1	1	3¼	2.35
TF1¼	1¼	3½	2.80
TF1½	1½	4¼	2.85

Loose

BOTTOM FULLERS

Best Grade Forged Tool Steel, Painted Black, Hardened Faces; for 1-inch Anvil Hole; Length, 4½ to 5 inches.

Nos.	Size, in.	Weight Each, lbs.	Each
BF⅝	⅝	2	$2 90
BF½	½	2½	1.90
BF¾	¾	2¾	2.05
BF1	1	3	2.35

Loose

HARDIES

For Cutting Hot or Cold Iron and Steel

Best Grade Forged Tool Steel, Painted Black, Tempered Bit; Square Shank to Set in Anvil Hole; Length Over All, 3½ inches.

Nos.	Shank, ins.	Lgth. Bit, ins.	Weight Each, lbs.	Each
H¾	¾	1¾	1½	$1 10
H⅞	⅞	1⅞	1½	1.30
H1	1	2 Loose	1¾	1.45

PRITCHELS

For Making or Enlarging the Nail Holes in Horseshoes, Also for Handling Shoe; ⅝-inch Octagon Steel; Length, 12 inches.

Each

No. P⅝—Weight Each, 1¼ lbs.....$0.80

Loose

FOR HANDLES, SEE PAGE 50

ANVIL TOOLS

ROUND PUNCHES

Best Grade Forged Tool Steel, Painted Black, Tempered Bit; Oval Eye for Handle; Length, 8 inches.

Nos.	Size Point, in.	Weight Each, lbs.	Each
RP¼	¼	1¼	$1 50
RP⅜	⅜	1⅜	1.50
RP½	½	1⅝	1.50
RP⅝	⅝	2	1.85

Loose

COLD CUTTING CHISELS

For Cutting Cold Iron or Steel

Best Grade Tool Steel, Painted Black, Hardened Bit and Face; Oval Eye for Handle.

Nos.	Size Bit, ins.	Lgth., ins.	Wt. Each, lbs.	Each
CC1¼	1¼	6¾	2	$1.55
CC1⅜	1⅜	6¾	2½	1.85
CC1½	1½	7¼ Loose	3	2.40

HOT CUTTING CHISELS

For Cutting Hot Iron or Steel

Best Grade Forged Tool Steel, Painted Black, Hardened Bit and Face; Oval Eye for Handle.

Nos.	Size Bit, ins.	Lgth., ins.	Wt Each, lbs.	Each
HC1¼	1¼	7	2	$1 55
HC1⅜	1⅜	7	2½	1 85
HC1½	1½	8½ Loose	3	2.40

SPARK PLUG SERVICE UNITS

CHAMPION

Tester tests all makes and sizes of spark plugs. Built-in cleaner unit, properly engineered to protect core, cleans all sizes and makes of spark plugs. Built-in water trap eliminates damage to cleaning compound through filtering moisture from the air line. Sturdily built heavy steel stand. Convenient shelf for spark plug tools, wrenches, etc. Enameled steel sign attractively displays spark plug service.

Each

Spark Plug Service Unit—Complete with tester, water trap, 45 in. high stand, one can of Sillimanite abrasive compound, 5-foot hose and all connections; wt. each 37 lbs. *$20.00*

SERVICE UNIT DEALS

CHAMPION

Each

No. A-1—Consists of 30 Champion regular spark plugs with Service Unit which includes stand, built-in cleaner, water trap and one Champion Tester wt. each 44½ lbs. *$29.50*

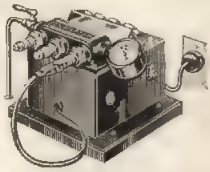
No. A-2—Same as No. A-1 but with 50 Champion regular spark plugs; wt. each 49½ lbs. *36.50*

No. B-1—Consists of 30 Champion regular spark plugs with Service Unit which includes stand, built-in cleaner, water trap and one Champion Tester; wt. each 44½ lbs. *$29.50*

No. B-2—Same as No. B-1 but with 50 Champion regular spark plugs; wt. each 49½ lbs. *36.50*

SPARK PLUG TESTERS

CHAMPION



Superior to any tester on the market.

Accurately machined, cadmium plated adaptors make it possible to test ⅞ inch, ½ inch, 18 m/m or 14 m/m spark plugs.

Unbreakable chromium plated metal mirror mounted so a group can easily see the test.

Equipped with air valve for attaching to air line—easy to operate and extremely durable.

Ground clip provided to ground case and prevent shock.

Small air chamber insures absolute safety in operation.

Air gauge conveniently placed for quick reading.

Switch button located on side where it can not be accidentally pressed.

Heavy metal case attractively finished and extremely durable—affords complete protection for coil and transformer.

Each

Spark Plug Tester—Furnished either AC or DC current; wt each 11 lbs. *$12.00*

ABRASIVE COMPOUND

CHAMPION—SILLIMANITE

Made with Champion Sillimanite as a base. Thoroughly cleans a plug in a few seconds without damage to spark plug insulator.

For use in Champion Spark Plug Cleaners. A charge of this compound is usable for cleaning at least 300 dirty spark plugs.

Per can

Abrasive Compound—In 2½ lb. cans. *$0.50*

One dozen cans in a carton.

CHAMPION SPARK PLUGS

EXTRA RANGE

The preference for Champion Spark Plugs has constantly grown They are noted for their advanced design, superior finish, finer workmanship, improved gaskets and electrodes, compression-proof two-piece construction and above all their superior performance.

The patented extra range Champion Spark Plug still further widens the range of individual plugs and eliminates the necessity for the multitude of types required, as they are made under the old heat range system. Their wide range of service and ability to meet all driving conditions make it possible to service all passenger and commercial cars with very few types. Only six Champion Extra Range spark plugs are necessary to service the normal heat range of engines with spark plugs of proper thread and clearance.

Radio Types—For Radio Equipped Cars

No. 2 Radio

No. C-4 Radio

No. C-7 Radio

No. J 5 Radio

No. C-15 Radio

Each

No. 2 Radio—⅞ in. Regular, 1⅛ in. hexagon..... *$0.90*

No. C-4 Radio—⅞ in. Projected core, 1⅛ in. hexagon.. *.90*

No. C-7 Radio—18 m/m Projected core, 1 in. hexagon.. *.90*

Average weight per carton, 2½ pounds.

Champion Insulators

For Spark Plug No..	2-Radio	C4-Radio	C7-Radio
Each	*$0.50*	*.50*	*.50*

Average weight each, 1 ounce

No. J-5 Radio—(14 m m) one piece, ⅛ in. hexagon; wt. per container 1⅜ lbs *$0.90*

No. C-15 Radio—18 m/m Projected core, ⅞ in. hexagon; weight per container 17⅛ lbs ..... *.90*

One in a carton, 10 cartons in a container.

Champion Insulators

For Spark Plug No. ..	J-5 Radio	C-15 Radio
Each	*$0.50*	*.50*

Average weight each, 1 ounce.

Prices on this Page are Factory Lists—see Page 123 for Dealer Prices

CHAMPION SPARK PLUGS

EXTRA RANGE

Nos. C4 and C4X

No. C1

No. 6

	Each
*No. C4—⅞ in. Projected, 1⅛ in. hexagon	$0.65
No. C4X—⅞ in. Projected, 1⅛ in. hexagon	.65
*No. C1—⅞ in. Standard, ⅞ in. hexagon	.65
*No. 6—⅞ in. Projected, ⅞ in. hexagon	.65

Champion Insulators

For Spark Plug No.	C4	C4X	C1	6
Each	$0.30	.30	.30	.30

No. C7

No. C15

No. 7

	Each
*No. C7—18 mm. Projected, 1 in. hexagon	$0.65
*No. C15—18 mm. Projected, ⅞ in. hexagon	.65
No. 7—18 mm. Heavy Service, 1 in. hexagon	.65

Champion Insulators

For Spark Plug No.	C7	C15	7
Each	$0.30	.30	.30

No. 15 (Form. 15 Spec.)

No. N2

No. J5

	Each
No. 15—18 mm. thread, ⅞ in. hexagon	$0.65
*No. N2—14 mm. two-piece, ⅛ in. hexagon	.65
No. J5—Metric Regular, ⅛ in. hexagon	.65

Champion Insulators

For Spark Plug, No.	15	N2	J5
Each	$0.30	.30	.30

No. 3X

No. X Long

No. 2 Com. (Form. Tr. Spec.)

	Each
*No. 3X—⅞ in. Long, 1⅛ in. hexagon	$0.65
No. 22—⅞ in. Regular, ⅛ in. hexagon	.65
*No. X Long—⅛ in. Regular, ⅛ in. hexagon	.65
No. 2 Com.—⅞ in. Regular, 1⅜ in. hexagon	.65

Champion Insulators

For Spark Plug No.	3X	22	X Long	2 Com.
Each	$0.30	.30	.30	.30

No 35 Com.

No. O Com. (Form. No. O)

No. 8 Com.

	Each
No. 35 Com.—⅞ in. Regular, 1⅛ in. hexagon	$0.65
No. O Com.—⅞ in. Regular, ⅛ in. hexagon	.65
No. 8 Com.—18 mm. thread, in. hexagon	.65

Champion Insulators

For Spark Plug No.	35 Com.	O Com.	8 Com.
Each	$0.30	.30	.30

No. 6M (Form. No. 18)

No. R1

Aero-A

	Each
No. 6M—18 mm. thread, 1 in. hexagon	$0.65
No. R1—Metric Racing, 1 in. hexagon	.90
Aero-A—Metric Aircraft, 1 in. hexagon	1.25
No. 31 Long—Gas engine, ⅛ in. Regular, ⅛ in. hex.	.65

Champion Insulators

For Spark Plug No.	6M	R1	Aero-A	31 Long
Each	$0.30	.50	.50	.30

Spark Plugs: One in a carton, 10 cartons in a container; av. wt per container 2½ lbs. **Insulators:** One in a carton, 10 cartons in a container; av. wt. each 1 oz. (*) Indicates short utility with maximum service coverage. Prices on this Page are Factory Lists—see page 123 for Dealer Prices.

DEPENDABLE CHAMPIONS FOR EVERY ENGINE

CHAMPION SPARK PLUGS

Passenger Cars

Auburn
6 & 8 thru '30 C-4
1931, '32, '33, 8 cyl. & 8-85, 115 Hp. Hd. 2 or C-4
'31-'35 6 & 8 cyl. Adams Hdsn. J-6
'34 8 cyl. Cast Iron Head 7
'35 Supercharged J-9
12 cyl. all models C-7
Austin C-7
Buick thru '29 9
'30 thru '31 ..... C-15
After '31 15
Cadillac
thru '28 ..... 2 or C-4
1928-'30 ..... C-7
After '30 ..... 7 or C-7
Case C-4
Chandler C-4
Chevrolet 4 cyl C-4
6 cyl. thru '31 ..... C-7
1932 ..... 7 or C-7
After '32 ..... N-2 or J-5
Chrysler
thru '29 ..... 2 or C-4
1930-'31 ..... C-7
After '31 7
'31 Imperial & Custom Roadster 7
'32 Six & After 7
'32 Eight ..... N-2 or J-5
'33-'35 Six & Eight 7
Cleveland C-4
Continental C-7
Cord C-7
Cunningham W 1 ..... C-7
All others ..... 2 or C-4
De Soto 6 & 8 ..... C-7
Dodge 4 cyl C-7
6 thru '28 ..... 2 or C-4
Senior 8 ..... 2 or C-4
'29 Six, '30 & '31 Six & Eight C-7
After '31 N-2 or J-5
'34-'35 Alum. hds. J-9
Duesenberg
thru '32 ..... 7 or C-7
After '32 ..... 6M
Durant thru '29
& mod. 610 ..... C-4
After '29 & 670 ..... C-7
Elcar 158, 160 ..... C-7
All others C-4
Erskine C-4
Essex Six thru '31 ..... C-7
1932 ..... 7 or C-7
Terraplanes J-7 or N-2
Falcon 6
Ford mod. T X-Long Mod. A & B ..... 8X or C-4
'BV-18, '32 ..... C-4
'BV-40, '32-'34, '35 ..... 7 or C-7
Franklin thru '27 6
After '27 7
Gardner C-7
Graham-Paige 8 cyl. C-7
6 cyl. C-4
Graham 6 cyl. '34, 8 cyl. '32, '33, Mods. 42, 49, & 54 Reg. & C C-4
'35 Mods. 34, 36 & 38 Super Charged 7
other 8's thru '31 ..... C-7
Hudson thru '31 ..... C-7
'32, '33 ..... 7 or C-7
'34 '35, '33 Super 6s ..... J-7 or N-2
Hupmobile
6 & 8 thru '27 ..... C-4
1928 '30 ..... C-7
1928 Light 6 ..... C-7
After '28 ..... C-7
Jewett C-4
Jordan Jr., R, L, Thru '28 ..... C-7
Others thru '28 ..... C-4
After '28 ..... C-7
Kissel C-4
LaFayette '34 ..... C-15
1935 7
LaSalle
thru '28 ..... 2 or C-4
'29 thru '31 ..... C-7
After '31 ..... 7 or C-7
Lincoln after '33 7
Thru '33 ..... 2 or C-4
Locomobile 8 ..... C-7
All Others C-4
Marmon 68, 75, Old type hd ..... 2 or C-4
69, 70, 79, 88 Big 8, Dbl. Dome Heads C-7
16 cyl. C-7
Marquette C-7
McFarlan 6
Moon 6-72, 6-77, 8-82, 8-92 ..... C-7
All others C-4
Nash Adv & Spec. 6 thru '28 6
Others thru '28 ..... C-4
'29, '30 Adv & Spec 6 15
Oldsmobile
thru '30 ..... C-7
'31 Big Six, 12 cyl. & V-8 ..... C-7
All Sixes ..... N-2 or J-5
All Eights & Twelves 7
1930 Six After 31 ..... N-2 or J-7
'31-'35 Alum. hds. J-9
Overland C-4
Packard
1 cyl. '31 ..... 2 or C-4
1 cyl. '32 ..... 7 or C-7
After 1 cyl. '31 N-2 or J-7
All '31 Six & Eight 7
'32 Six Alum. Hd J-9
Pontiac thru '29 ..... C-4
'30 '31 ..... C-7
1932 ..... N-2 or J-5
After '32 ..... N-2 or J-7
Reo thru '26 X-Long 6
1927 6
After '27 7
'35 Alum Hd ..... 7 or C-7
Franklin thru '27 6
After '27 7
Gardner C-7
Graham-Paige 8 cyl. C-7
6 cyl. C-4
Graham 6 cyl. '34, 8 cyl. '32, '33, Mods. 42, 49, & 54 Reg. & C C-4
'35 Mods. 34, 36 & 38 Super Charged 7
other 8's thru '31 ..... C-7
Hudson thru '31 ..... C-7
'32, '33 ..... 7 or C-7
'34 '35, '33 Super 6s ..... J-7 or N-2
Hupmobile
6 & 8 thru '27 ..... C-4
1928 '30 ..... C-4
1928 Light 6 ..... C-7
After '28 ..... C-7
Jewett C-4
Jordan Jr., R, L, Thru '28 ..... C-7
Others thru '28 ..... C-4
After '28 ..... C-7
Whippet 4 & 6 ..... C-4
Willys 4 & 6 ..... C-7
Willys 8 ..... C-7
Willys-Knight 66 Series C-4
Standard 6 & 56 7
70, 70-B, 87 & 95 6
Windsor 6-60 ..... C-4
All others C-7

Tractors

Allis-Chalmers
22 or 1 Com.
Beaver Mot. 1 Com.
All Work ..... 3 Com.
American ..... 1 Com.
Austin 31
Auto ..... 3 Com.
Avery
5, 10 & 15 ..... 1 Com.
All others ..... 3 Com.
Baker ..... 1 Com.
Baker Steel Mule 6
Beeman Garden 31
Best ..... 1 Com.
Bolen thru '28 ..... 1 Com.
After '28 ..... 8 Com.
Case ..... 1 Com.
Caterpillar
1 Com. or 0 Com.
Clark ..... 1 Com.
Clesrac ..... 1 Com.
Cleveland ..... 3 Com.
100, 20, 30, 40, & W ..... 1 Com.
Dart ..... 3 Com.
Eagle ½" Hd. 31
Head ..... 1 Com.
Elgin ..... 1 Com.
Emerson
Brantingham 31
E. M. F. ..... 1 Com.
Fageol ..... 1 Com.
Farmall ..... 1 Com.
Fitch ..... 1 Com.
Flour City 31
Fordson X-Long
Fordson (Conv.) 31
Gray ..... 1 Com.
Gravley ..... 1 Com.
Gray ..... 3 Com.
Hart Parr thru '31 31
After '28 ..... 1 Com.
Heider ..... 3 Com.
Holt ..... Hd. 3 Com.
Howes Hdsn. ..... 3 Com.
Huber ..... 3 Com.
Indiana ..... 3 Com.
International Harvester
Farmall 22
Farmall F-30 ..... 1 Com.
F-20 & F-30 22
Del Mod. 20 & 30 22
Trac Tractor ..... 3 Com.
T26 ..... 1 Com.
John Deere 31
1930 D, P 33
1931 Mod. D, GP, W, T ..... 3 Com.
Thresher ..... 1 Com.
Kork-Goanerman ..... 3 Com.
Mercury 31
½" Head ..... 1 Com.
Minneapolis 31
Moline ..... 1 Com.
Nebraska ..... 3 Com.
Oliver 31
Hart ..... 1 Com.
Port Huron ..... 3 Com.
Rumely
All Oil Pull ..... 3 Com.
All others 6
Russell ..... 3 Com.
Samson ..... 3 Com.
Stanwood 6 & 56 3
70, 70-B, 87 & 95 6
Windsor 6-60 ..... C-4
All others C-7

Tractors

Allis-Chalmers
22 or 1 Com.
Beaver Mot. 1 Com.
All Work ..... 3 Com.
American ..... 1 Com.
Austin 31
Auto ..... 3 Com.
Avery
5, 10 & 15 ..... 1 Com.
All others ..... 3 Com.
Baker ..... 1 Com.
Baker Steel Mule 6
Beeman Garden 31
Best ..... 1 Com.
Bolen thru '28 ..... 1 Com.
After '28 ..... 8 Com.
Case ..... 1 Com.
Caterpillar
1 Com. or 0 Com.
Clark ..... 1 Com.
Clesrac ..... 1 Com.
Cleveland ..... 3 Com.
100, 20, 30, 40, & W ..... 1 Com.
Dart ..... 3 Com.
Eagle ½" Hd. 31
Head ..... 1 Com.
Elgin ..... 1 Com.
Emerson
Brantingham 31
E. M. F. ..... 1 Com.
Fageol ..... 1 Com.
Farmall ..... 1 Com.
Fitch ..... 1 Com.
Flour City 31
Fordson X-Long
Fordson (Conv.) 31
Gray ..... 1 Com.
Gravley ..... 1 Com.
Gray ..... 3 Com.
Hart Parr thru '31 31
After '28 ..... 1 Com.
Heider ..... 3 Com.
Holt ..... Hd. 3 Com.
Howes Hdsn. ..... 3 Com.
Huber ..... 3 Com.
Indiana ..... 3 Com.
International Harvester
Farmall 22
Farmall F-30 ..... 1 Com.
F-20 & F-30 22
Del Mod. 20 & 30 22
Trac Tractor ..... 3 Com.
T26 ..... 1 Com.
John Deere 31
1930 D, P 33
1931 Mod. D, GP, W, T ..... 3 Com.
Thresher ..... 1 Com.
Kork-Goanerman ..... 3 Com.
Mercury 31
½" Head ..... 1 Com.
Minneapolis 31
Moline ..... 1 Com.
Nebraska ..... 3 Com.
Oliver 31
Hart ..... 1 Com.
Port Huron ..... 3 Com.
Rumely
All Oil Pull ..... 3 Com.
All others 6
Russell ..... 3 Com.
Samson ..... 3 Com.
Stanwood ..... 3 Com.
Stuart ..... 3 Com.
Titan 34
Topp-Stewart ..... 3 Com.
Tora ..... 3 Com.
Traylor ..... 3 Com.
Twin-City ..... 1 Com.
Ulliftor ..... 1 Com.
Vaughn 31
Wallis Cub ..... 1 Com.
Waterloo Boy 34
Wetmore ..... 1 Com.
Wisconsin ..... 3 Com.
Yuba 20, 35, 40, 70 31
All others ..... 3 Com.

Farm, Stationary, Marine and Lighting Engines

Adco 31
Alamo ½" ..... 1 Com.
½" Head 31
Alfco ..... 0 Com.
Anderson 31
Associated 31
Auto-Lite ..... 1 Com.
Automatic thru '28 31
1929 8
After '29 ..... 1 Com.
Avery ..... 1 Com.
Bean Sprayers 31
Bean Sprayers 6
Beaver 6
Beasemer ..... 3 Com.
Bluffton wash Machine 31
Bready ..... 1 Com.
Cultimotor ..... 8 Com.
Brennan ..... 8 Com.
Bridgeport 31
Briggs & Stratton 31
Bull ½" Hd. ..... 1 Com.
Dyna Hd ..... 7 Com.
Buda ..... 1 Com. or 8 Com.
Railway Car 31
Buffalo ½" ..... 3 Com.
½" Head 31
Burton Page 31
Cady 31
Capital ..... 8 Com.
Challenge 31
C. H. & E. 6
Chris Craft 70 & 120 ..... 8 Com.
Chrysler Royal 72 ..... 1 Com.
Imperial L ..... 0 Com.
Chrysler Crown ..... 1 Com.
Chrysler Imp ..... 7 Com.
Chrysler Red Head ..... 0 Com.
Chrysler 14mm Heads J-7
Clarkson ..... 3 Com.
Climax KKU, TTU R4U, R6U ..... 1 Com.
R1U, R1F, N2, N3 6
Coldwell Lawn Mower ½" Hd. 31
½" Head ..... 1 Com.
Continental Models 10R (begin 182) ..... 1 Com.
15R (begin 265) ..... 1 Com.
20R (begin 652) ..... 8 Com.
Cook 31
Cushman ..... 1 Com.
Cushman 31
Delco-Light J-7
18mm Hd. ..... 8 Com.
14mm Hd. J-7
Hero Eng. ..... 1 Com.
Dorman ..... 3 Com.
Dure 31
Eagle 31
Easy (Washer) C-7
Erd ..... 1 Com.
Fairbanks C-4
Fairbanks-Morse ½" Head ..... 1 Com.
Feilbach 31
Fairmont ½" Hd. 31
4 Cyl. ½" Hd 10 cm. 31
Fate ..... 1 Com.
Fay & Bowen ..... 1 Com.
Fishermen 6
Foos 31
Friend 31
Friebie 31
Fuller & Johnson ½" Head ..... 1 Com.
¾" Head 31
Grant 31
Gray ½" Hd 1 Com.
Gray Demm Head ..... 8 Com.
Gray ½" Head 31
G. B. ½" Head ..... 8 Com.
Grinnell (Washer) ..... 3 Com.
Hall-Scott 75 ..... 3 Com.
50 ..... 1 Com.
H. C. Dodge 6
with 1½" 13
Hercules ½" Head ..... 1 Com.
Hess 31
Hesselman 31
Hess 11
Hettinger 31
Holand 31
Holt ..... 1 Com.
Homelite ..... 8 Com.
Huber Roller ..... 8 Com.
Hupp 31
Hyatt ..... 1 Com.
H-295 ..... 3 Com.
all others ..... 1 Com.
Ideal ..... 1 Com.
Ingersoll-Rand ½" 31
½" Head ..... 1 Com.
International Harvester
Thresher 10
& 15 22
Hart Parr ..... 1 Com.
Jay ..... 1 Com.
Jay Press ..... 1 Com.
Jaeger Unit 300 & 360 22
Jones 31
Jones Checrbey 31
Jacobson Lawn Mower 16 cm or 31
Johnson Utilimotor thru 1930 ..... C-7
1931 7
Kalamazoo ½" Hd. 31
½" Head ..... 1 Com.
Kermath ½" ..... 1 Com.
Kermath ½" Hd. 31
Kermath 150, 175, 200 & 225 H. P. 13
Kewanee 31
Kohler ½" Head ..... 1 Com.
18mm Head. ..... 8 Com.
Lansing ..... 1 Com.
Lathrop ..... 6 Com.
LeRoi ..... 1 Com.
Light Manufacturing & Foundry ..... 1 Com.
Lima ..... 3 Com.
Lockwood Ash 31
Lycoming ..... 7 Com.
New Way ½" 31
18mm Head C-7
Niagara ..... 1 Com.
Northwestern 31
Novo ½" Hd. 1 Com.
½" Head 31
Page 31
Palmer ..... 1 Com.
Palmer 6
Palmer 31
Peerless 161 Race R-1 all others 6
Peninsular ..... 1 Com.
Perfection ⅝" ..... 1 Com.
¾" Head 31
Phelps 31
Redsing 6
Regal ..... 1 Com.
Roberts ½" ..... 1 Com.
¾" Head 31
Ross Carrier ..... 1 Com.
Sanderson 31
Sandwich 31
Schramm 30
Scrappe 14 & 18 ..... 1 Com.
Sea ..... 1 Com.
Sea 108 Cu. In. 124 ..... 8 Com.
all other Com. or 12
Sewel 31
Sharp ..... 3 Com.
Speedway ½" ..... 1 Com.
Head 31
Standard ..... 1 Com.
Star Drilling ..... 1 Com.
Stearns ..... 1 Com.
Sterling D-3-12 31
Petrol 6 ..... 0 Com.
Stover 11-6-8 ..... 0 Com.
11-16-8 ..... 16 cm
Strickler ..... 16 cm
Stover ½" Head 6
Reg. 31
Sullivan ½" ..... 16 cm
Detroit Head 31
Sunbeam 31
Superior 31
Syracuse Washing Machine C-7
Theobered ..... 1 Com.
Toro-Le-Red Engine ..... 3 Com.
Field Engine 31
Air Cooled ..... 8 Com.
Turmo 6
Twin City ..... 1 Com.
United ..... 1 Com.
Universal ½" 31
Iron 21 thru '29 ..... 0 Com.
after 1929 ..... 8 Com.
Mod. 125 Race R-7
Van Blerck Cyls. ..... 1 Com.
Heads 13
all others ..... 3 Com.
Vaughn Draw Saw 31
Waterloo Boy 31
Wauksaha ..... 1 Com.
Weber 31
Westinghouse ..... 1 Com.
Whitcomb 6
Willys-Light ..... 1 Com.
Winton ..... 1 Com.
Wisconsin ½" ..... 1 Com.
18mm Head ..... 8 Com.
Witte 31
Wolverine 31
W. S. M. ..... 1 Com.

DEALERS' PRICE LIST

	50 or More	10 Less 49	Less than List 10
Champ. X Plugs (for Mod. T Ford)			
Champ. 3X Plugs (for Mod. A Ford)			
Champion "C" Type Plugs.	$.41	$.45	$.48 $.65
Champion Plugs, Nos. 0 to 34			
Champion Aero A	.85	.90	.96 1.25
Champion Racing "R" Type Plugs.	.59	.61	.66 .98
Champion Radio Plugs.....	.59	.61	.66 .98
Champ Base, Core & Clip Assbly.	.85	.90	.96 1.25
Champ Shield and Aircraft Plug	1.05	1.10	1.20
Aero RA Shield and Clip.....	.56	.58	.59
Spring Clip only	.07	.07	.10
Champion X Cores	.21	.22	.24
Champion Cores	.21	.22	.24
Champion Cores for Radio Plugs.....	.58	.55	.59
Champion Comb. Gap Tool and Gauge..Dealers' price 6c			.10
Champion Adaptors ⅜" to 18 mm, ½" to 14mm. Dealers' price..8c			.10

*List prices include installation service.

THESE TYPES CAN BE SUBSTITUTED IF IN STOCK

18 for 6M 15 Spec for 15 J5C for J5 1 or 4 1 for 6 (Except Buick and Nash)
Tr. Sp.; 2 Com..... for 1 Com. 8..... for 8 Com. 1 or CO..... for 1 Com (if small Hex. required) C-4 or C-1..... for 3 Com.

DEPENDABLE CHAMPIONS FOR EVERY ENGINE

Commercial Cars

Car Model	Normal Service	Extreme Service
Ace	C-4	1 Com.
A. C. F.	8 Com.	7 Com.
Acme 4X, 6X, 8X, 10X, 52, 56 Spec., 66, 110, 120, 121	8 Com	7 Com
201, 36	C-4	1 Com
3X, 45, 147, 64, 90, 121, 150, 151 & others	1 Com.	0 Com
Acorn	C-4	1 Com.
Ahrens Fox Fire 1932 H H P	8 Com	7 Com
All others	1 Com	0 Com
Amer. Lafrance E1, F2, H2	8 Com	7 Com
All others	1 Com	0 Com
Fire Equipment	1 Com	0 Com
12 Chamber	0 Com	00 Com
Armleder	C-4	1 Com
Atterbury H, H-45 C-70, 45, 50, 60, 100	8 Com	7 Com
All others	C-4	1 Com
Autocar after '32	1 Com	0 Com
All others	3 Com	1 Com
Available ¾"	1 Com	0 Com
18mm. heads	8 Com	7 Com
Baiderman ¾"	1 Com	0 Com
18mm heads	8 Com	7 Com
Bethlehem	C-4	1 Com
Betz	C-4	1 Com
Bridgeport	C-4	1 Com
Brockway 90, 100	0 Com	00 Com
18mm heads	8 Com	7 Com
All others	1 Com	0 Com
Buffalo Fire Engine 7HC2C	8 Com	7 Com
All others	1 Com	0 Com
Casco	C-4	1 Com
Cent.-Deliance	1 Com	0 Com
Checker Cab thru '31	C-4	3 Com
After 1931	C-7	9 Com
Chevrolet to '29	C-4	1 Com
1929 thru '32	C for 7	6 Com
After '32	N2-J-5	J-8
Chicago 17A, 18A, 50B, 56D, 25E	8 Com	6 Com
All others	1 Com	0 Com
Clark Tr. Trac.	1 Com.	0 Com
Clinton	C-4	1 Com
Clydesdale	C-4	1 Com
Coleman ¾" hd	C-4	1 Com
18mm. heads	8 Com	7 Com
Columbia	C-4	1 Com
Commerce	C-4	1 Com
Concord	1 Com	0 Com
Corbitt ¾" hds.	1 Com	0 Com
18mm heads	8 Com	7 Com
Dart	1 Com	0 Com
Day Elder Cont. R Series Eng.	8 Com	7 Com
All others	1 Com	0 Com
Defiance	1 Com	0 Com
Denby	3 Com	1 Com
DeMartini	1 Com	0 Com
Diamond T '30 T 200, T-215	8 Com	7 Com
All others	1 Com	0 Com
Divco Delivery 18mm heads	8 Com	0 Com *
¾" heads	C-4	3 Com *
Dodge 4-cyl.	C-4	0 Com
Plymouth 1	8 Com	7 Com
DA & DD Ser. DP, TC1, T2F, T3G	8 Com	7 Com
Mod. CO-3	8 Com	6 Com
TDP, T Series	J-6	J-8
Dorris	C-4	1 Com
Double Drive	1 Com	0 Com
Douglas ¾" hds.	1 Com	0 Com
All others	8 Com	7 Com
Dover 1933	J-5	J-8
All others	8 Com.	7 Com.
Draymaster 8M, T 2-3, H8D	8 Com.	6 Com.
All others	1 Com.	0 Com.
Duplex '32-'33 A-5, 8AC	8 Com	7 Com
All others	1 Com	0 Com
Eagle	C-4	1 Com
Federal, 18mm	8 Com	6 Com
All others	1 Com	0 Com

Car Model	Normal Service	Extreme Service
Fargo 1928 Silver Dome	C-4	1 Com.
'29 thru '31	8 Com	7 Com
After '31	J-5	J-8
Federal ¾" hds.	1 Com.	0 Com.
18mm heads	8 Com.	7 Com.
Fifth Avenue	3 Com.	1 Com.
Fisher H D Superd. 10AX	8 Com.	7 Com.
All others	1 Com	0 Com.
Ford Model T	X Long	
AA, BB	C-4	0 Com.
1932 V-8	C-4	0 Com.
'33 V-8 Aum hd	7	6 Com.
'33-'34 V-8 ¾" Castiron hd	C-4	0 Com
'34-'35 18mm hd	7	6 Com
Freeman	1 Com	0 Com
Fulton	C-4	1 Com
F. W. D.	1 Com	0 Com
Garford	C-4	1 Com
Gary	C-4	1 Com
Gaunt	1 Com	0 Com
G. M. C. using '29-'31 Buick & '32 G. M. C. Eng. 221, 257, 331, 400, 468, 525, 916	8 Com	7 Com.
'27 thru '32 Buick 1932 Pontiac and G. M. C. Eng. 206	J5 - N-2	J-8
1930-31 Pontiac Eng.	8 Com	7 Com
Using '27-'28-'29 Pontiac Eng. & G. M. C. 80.	C-4	1 Com.
G. M. C. Buses W after '29 & 385, 366, 661, 663, 709, 712	8 Com	7 Com
'28-'29 W and trucks 1 ton	1 Com	0 Com
G. M. C. Fire Trucks	8 Com	7 Com
Golden State Le Bed Buda K 2-6 Eng.	8 Com	7 Com
All others	1 Com	0 Com
Gotfredsen RB 31	8 Com	7 Com
All others	1 Com	0 Com
Graham	C-4	1 Com
Graham Bros. Dodge Tne 4	C-4	0 Com
6 cyl	1 Com	0 Com
Gramm ¾" hds	1 Com	0 Com
18mm heads	8 Com	7 Com
Gramm Bernstein A. D. BV, D, K	8 Com	7 Com
10, 30, 40, 50, 115, 125	1 Com	0 Com
All others to '28	C-4	1 Com
Graut Premier with 18mm hds	8 Com	7 Com
All others	C-4	1 Com.
Hahn (Selden) thru 1929	C-4	1 Com
Mods. A-71, 87	8 Com	7 Com
All others	1 Com.	0 Com
Hawkeye	C-4	1 Com.
Henry Anderson Cont. R Ser. or Hall Scott 147	8 Com	7 Com.
All others	1 Com	0 Com.
Hendrickson 33 and 1 & D	8 Com.	7 Com.
All others	1 Com	0 Com.
Hennessy ¾" hds	C-4	1 Com.
18mm heads	8 Com	7 Com.
Huffman	1 Com	0 Com.
Hug 18mm heads	8 Com	7 Com
All others	C-4	1 Com
Indiana 101, 120, 140, 141, 170, 196, 220, 400	8 Com	7 Com
All others	1 Com	0 Com.
International F's, S's, D-1	C-7	7 Com
A Series, B Ser., FB, FD, FE, HS-151	0 Com.	00 Com.
H, F, K, L, 21, 31, 33, 41, 43, 91, 63, 94, 103, 22	1 Com	1 Com

Car Model	Normal Service	Extreme Service
54, 54C, 74, 74C, 104C	22	1 Com.
'31 D1, 34 C-1	C-7	7 Com.
All others	1 Com.	0 Com.
Jumbo	C-4	1 Com.
Kelley Springf'd	C-4	1 Com.
Kenworth 18mm	8 Com	7 Com
With ¾" hds	1 Com	0 Com
Kimball Imperial	C-4	1 Com
King Zeidler	C-4	1 Com
Kleiber 2 ton	1 Com	0 Com
18mm heads	8 Com.	7 Com.
LaFrance M-2, H3, F2, E1, D2	8 Com.	7 Com.
All others	1 Com.	0 Com.
Lange	1 Com	0 Com.
Larabee 40, 45, 50, 55, 60, 66, 70, 75, 80 85	8 Com	7 Com.
All others	1 Com	0 Com
LeHigh	1 Com	0 Com.
LeVeen 18mm	8 Com	7 Com
¾" heads	C-4	1 Com
Luedinghaus	1 Com	0 Com
Luzo Cab	C-4	3 Com *
Macrae 18mm ¾" heads	8 Com	7 Com
Mack	C-4	1 Com.
Mack AB-8, BF, BC, BL	8 Com	6 Com
BB, C	0 Com	00 Com
Others	1 Com	0 Com
Majestic Cab	C-4	3 Com *
Marmon Herrington 18mm	8 Com	7 Com
Long ¾" hds	1 Com	0 Com
Master	C-4	1 Com.
Maxim 18mm head	8 Com.	7 Com.
Using ¾" hd.	1 Com.	0 Com.
Menominee A15, other 18mm hds.	8 Com.	7 Com.
All others	1 Com	0 Com.
Mercury 18mm	8 Com	7 Com
Long ¾" hd	C-4	1 Com
Moller Cabs	C-4	3 Com *
Monarch	C-4	1 Com.
Moreland 1931 LX, EX19 H7, J, 34	8 Com	6 Com
'29 thru '33	1 Com	0 Com
All others	C-4	1 Com
National 18mm	8 Com	7 Com
¾" heads	1 Com	0 Com
Nelco 18mm hds	8 Com	7 Com
¾" heads	1 Com	0 Com
Nobile 15ch 166	8 Com	7 Com
All others	1 Com	0 Com
Nucar	1 Com	0 Com
O K	C-4	1 Com
Omort	1 Com	0 Com
Oneida	1 Com	0 Com
Oshkosh	1 Com	0 Com
Packard	1 Com	0 Com
Packwaukee Cab	C-4	3 Com *
Parker	1 Com	0 Com
Penn	C-4	1 Com.
Peter Pirsch	1 Com	0 Com
Pierce Arrow 18mm head	8 Com	7 Com
Using ¾" hds	1 Com	0 Com
Polwick Coach	1 Com	0 Com
Pierce Arrow	1 Com	0 Com
Pioneer	C-4	1 Com
Pittsburg	C-4	1 Com
Pontiac '30 mod. To 1930	8 Com	7 Com
Rainier	C-4	1 Com
Red Ball	1 Com	0 Com
Reisberger & Son	C-4	1 Com.
Reland & Bree 18mm heads	8 Com.	7 Com
All others	1 Com.	0 Com.
Relay 15A, 15B, 16BA	8 Com	7 Com
16BB, 30 others	1 Com	0 Com
Ree thru '25	31	
'26 thru '29	6	1 Com
After 1929	8 Com	6 Com
Republic	1 Com	0 Com
Rex Watson	1 Com	0 Com
Rugby-Durant 30-31 models	8 Com	7 Com
All others	C-4	1 Com.

Car Model	Normal Service	Extreme Service
Ruggles	C-4	1 Com.
Rumley	C-4	1 Com.
Sandow	C-4	1 Com
Sanford 18mm	8 Com	7 Com
¾" heads	1 Com	0 Com
Sauer	C-4	1 Com
Sayers & Scovill Thru 1928	1 Com	0 Com
After 1928	8 Com	7 Com
Schacht S R L Wagners M	8 Com	7 Com
All others	1 Com	0 Com
Seagrave models 60T, 6GF	8 Com	7 Com.
All others	1 Com	0 Com
Selden ¾" hds	1 Com	0 Com
18mm heads	8 Com	7 Com
Service	C-4	1 Com
Standard thru '30 other ¾" hds	C-4	1 Com
18mm heads	1 Com	0 Com
Step-N-Drive 30-31 Trunk	8 Com	7 Com
Chassis Chev	8 Com	7 Com
Ford A, AA	C-4	0 Com
Stewart 30-'31X	1 Com	0 Com
Sterling 18mm	8 Com	6 Com.
¾" heads	1 Com.	0 Com.
Stewart thru '30 and '31, 18X, 19X, 36X	1 Com.	0 Com.
other ¾" heads	1 Com	00 Com.
18mm heads	8 Com	5 Com.
Stoughton ¾"	1 Com	0 Com.
18mm heads	8 Com.	6 Com.
Studebaker 35 to 35	7 Com	6 Com.
Thru 1932	1 Com.	0 Com.
Templine Com. '32-'33-'35	J-7	J-8
Thorne A-2, B-2	C-4	0 Com.
All others	8 Com	7 Com.
Traffic	1 Com.	0 Com.
Transport	C-4	1 Com
Traylor	C-4	1 Com
Twin Coach	C-4	1 Com
United	C-4	1 Com
U. S.	C-4	1 Com
Valley	C-4	1 Com
Vernire	C-4	1 Com
Victor	C-4	1 Com.
Ward LaFrance Com. 12h, Lycon, AFC	8 Com.	7 Com.
Waux Bell '33 & all others	1 Com	0 Com.
Wauchusett Cont 20R Engine	8 Com	7 Com
All others	C-4	1 Com
Whippet	C-4	1 Com
White Engine GB, GBA	7 Com	6 Com
GBH, GBC GB R, GEC	1 Com	0 Com
GO, GN, GH	1 Com	0 Com
Mods. 6A, 6A	7 Com	6 Com
1A, 1AA, 1AH, 3AD, 7A	0 Com	00 Com
Mods. 2A, 4A 4AB, 4AD	1 Com	0 Com.
Mod. 5A	15	
Trac. Trks. 6th	1 Com	0 Com
Model 6H	1 Com	0 Com
Wichita 675, 695	8 Com	7 Com
All others	1 Com	0 Com
Wilcox	C-4	1 Com
Willys	8 Com	7 Com
Willys Knight	C-4	1 Com
Wilson	C-4	1 Com
W. M. C.	1 Com	0 Com.
Wisconsin	1 Com	0 Com
Witt Will ¾"	C-4	1 Com
18mm heads	8 Com	7 Com
Woods	1 Com	0 Com
World Mot. Dis.	8 Com	7 Com.
All others	1 Com	0 Com
Yellow Handals	1 Com	0 Com.
Yellow Cabs 08 Ser. A	6	
08 Ser. H, 010 Ser. A, D, F	8 Com	7 Com.
Yellow Coaches	See G M. C	

IF IN STOCK THESE TYPES CAN BE SUBSTITUTED
(Consider Hexagon Clearance)

C-0, 1; 2; Tr. Sp. 2 Com.; 2 Sp. for 1 Com.
3; 8 Sp. for 3 Com. 16 for 6 Com.
7; 13 for 7 Com. 3 Com. for 22.

*Recommended for Cool Motor Operation.

COLEMAN LAMPS AND LANTERNS

Make and burn their own gas from any good grade of clean gasoline free from anti-knock compounds Simple and safe to operate. Can't spill fuel even if tipped over; can't be filled while lighted.

LAMPS

Equipped with long service generator with automatic tip cleaning needle operated by a rotary lever. Large size generator provides long lighting service, greater economy and accommodates a wider range of fuel.

No. 132A

Gasoline; Instant Lighting

With extra quality Parisienne kid parchment shade and inner Pyrex glass globe that protects mantles.

No. 133

Built-in Pump

Fount finished in Indian bronze. Fuel capacity 3 pints, burns 15 to 18 hours on one filling; 19⅛ in. high over all, 15x8½ in. shade.

Each

No. 132A—Complete with shade, inner Pyrex glass globe and 2 Silk-Lite mantles; weight each 10 lbs. **$15.90**

Separate Pump

Fount finished in Indian bronze. Fuel capacity 2 pints, burns 10 to 12 hours on one filling; 19⅛ in. high over all, 13x7 in. shade.

Each

No. 133—Complete with shade, inner Pyrex glass globe, 2 Silk-Lite mantles and pump; wt. each 10 lbs. **$13 80**

One in a carton.

No 134P

Gasoline; Match Generating

High quality Parisienne Kid parchment shade and inner Pyrex glass globe that protects mantles. Fount finished in an attractive silvertone finish. Fuel capacity 2 pints, burns 10 to 12 hours on one filling; 19½ in. high over all, 13x7 in. shade. Separate pump.

Each

No. 134P—Complete with shade, inner Pyrex glass globe, 2 Silk Lite mantles and pump; wt. each 7 lbs. **$13.45**

One in a carton.

No 129

Kerosene; Two Mantle

High quality Parisienne kid parchment shade and inner Pyrex glass globe that protects mantles. Fount finished in Indian bronze

Fuel capacity 2 pints, burns 10 to 12 hours on one filling; 19½ in. high over all, 13x7 in. shade. Separate pump.

Each

No. 129—Complete with shade, inner Pyrex glass globe, 2 Silk-Lite mantles and pump; wt. each 7 lbs.... **$13.50**

One in a carton.

LANTERNS

No. 220B

No. 228B

Gasoline; Instant Lighting

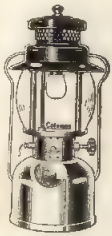
Lights instantly. With Pyrex glass globe. Ventilator top porcelain enameled in green, fount nickel plated. Fount equipped with hand operated filler plug and built- in pump. Fuel capacity 2 pints, burns 10 to 12 hours on one filling. 14½ in. high over all, 5¼ in. diameter top.

Each

No. 220B—Complete with Pyrex glass globe, 2 mantles and wrench; weight each 6 lbs.. . . . . **$16 50**

No. 228B—8⅝ in. ventilator top (under side enameled white), otherwise same as No. 220B; wt. each 7¼ lbs. **17.85**

One in a carton.



Gasoline; Instant Lighting; Single Mantle Type

Lights instantly. With Pyrex glass globe. Ventilator top porcelain enameled in green, fount nickel plated. Fount equipped with hand operated filler plug and built-in pump. Fuel capacity 1½ pints, burns 7 to 9 hours on one filling; 11½ in. high over all, 4¾ in. diameter top.

Each

No. 242A —Complete with Pyrex glass globe and one mantle; wt each 4 lbs. **$12.45**

One in a carton.

Quick-Lite Gasoline; Match Generating

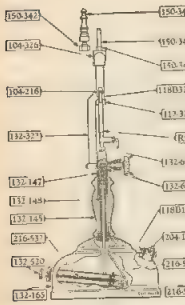
With mica globe. Ventilator top porcelain enameled in green, fount nickel plated. Fount equipped with hand operated filler plug and built-in pump. Fuel capacity 2 pints, burns 10 to 12 hours on one filling; 14 in. high over all, 5¼ in. diameter top.

Each

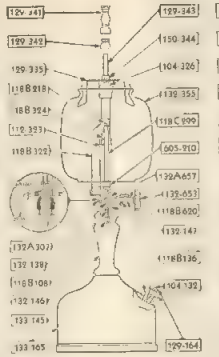
No. L427—Complete with mica globe, 2 mantles, generator cleaning pick and wrench; weight each 6 lbs. **$14.55**

One in a carton.

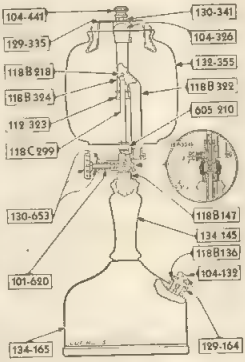
COLEMAN LAMP REPAIR PARTS



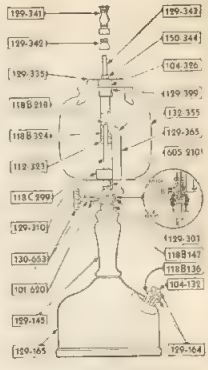
Parts For No. 132P Lamp



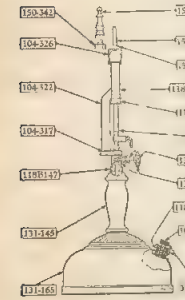
Parts For Nos. 133 and 132A Lamps



Parts For No. 134 Lamp



Parts For No. 129 Lamp



Parts For No. 131P Lamp

Parts For No. 130G Lamp

No.	Name of part	Each
	T44—Generator & Cleaning Needle (Less Jamb Nut) (Gas Tip Marked "V") (118C299)	$0.55
	R55—Rotary Generator (Gas Tip Marked "Q") (165B299)	.50
101 - 522	Pump Complete	.75
101 - 620	Valve Stem Packing	.03
104 - 132	Filler Plug Air Stem	.18
104 - 218	Generator Gas Tip (Marked "Q")	.06
104 - 317	Burner Support Coupling	.18
104 - 322	Air Intake Tube	.36
104 - 326	Mixing Chamber	.48
104 - 441	Ball Nut	.18
112 - 323	Burner Cap and Screens	.15
112 - 325	Burner Cap Screen 2 for	.06
118 A304	Eccentric Block	.60
118 D108	Fuel Tip Cleaning Needle Spring	.03
118 B136	Filler Plug Gasket 2 for	.06
118 B147	Handle Lock Nut	.09
118 B322	Air Intake Tube	.36
118 B324	Burner Tube	.15
118 B620	Valve Stem Packing	.03
118 B218	Gas Tip (Marked "V")	.06
129 - 164	Filler Plug Complete	.60
129 - 335	Shade Holder Clamps (Packed)	.30
129 - 341	Finale	.36
129 - 342	Finale Nut	.12
129 - 343	Shade Support Rod	.09
129 - 353	Tip Cleaner Stem Complete	.24
130 - 145	Handle	.18
130 - 147	Handle Nut	.09
130 - 165	Fount Complete	3.09
¶130 - 328	Globe Clamp Lower	.03
¶130 - 329	Globe Clamp Upper	.03
130 - 341	Screw	.09
130 - 653	Valve Stem Complete	.30
130 - 657	Fuel Valve Complete	.75
131 - 145	Handle	.15
131 - 165	Fount Complete	4.20
131 - 399	Burner, Generator, Valve, Support Rod and Nut Complete Assembled	2.70
132 - 138	Fuel Tip Needle & Head	.06
132 - 145	Handle	.30
132 - 146	Fuel & Air Wire (Fuel Tip Marked "S")	.30
132 - 147	Handle Lock Nut	.09
132 - 148	Fuel and Air Wire (With Fuel Tip and Fuel Needle)	.60

No.	Name of part	Each
132 - 165	Fount Complete	$5.40
132 - 322	Air Intake Tube	.36
132 - 370	Burner, Generator, Valve, Support Rod and Nut Complete Assembled (Less Fuel and Air Wire)	2.70
132 - 520	Pump Plunger Complete (Less Air Stem)	.60
132 - 653	Valve Stem Complete	.45
132 - 657	Valve Complete (Less Fuel and Air Wire)	1.20
132 A140	Filler Plug Complete	.18
132 A145	Handle	.18
132 A165	Fount Complete	3.00
132 A307	Valve Body	.60
132 A399	Burner Complete	3.00
132 A657	Fuel Valve Complete (Fuel T.p Marked "S")	1.20
133 - 145	Handle	.18
133 - 165	Fount Complete	3.00
134 - 145	Handle	.18
134 - 165	Fount Complete	3.00
134 - 399	Burner Complete	2.70
150 - 341	Finale	.24
150 - 342	Finale Nut	.12
150 - 343	Shade Support Rod	.09
150 - 344	Shade Support Rod Nut	.03
204 - 140	Filler Plug Complete	.48
216 - 509	Pump Leather 2 for	.09
216 - 532	Air Stem	.15
216 - 538	Check Valve	.25
375 - 184	Filler Plug Complete	.60
410 - 585	Pump	.45
605 - 210	Jamb Nut	.03

*Special Parts for 130G ¶Special Parts for 130P

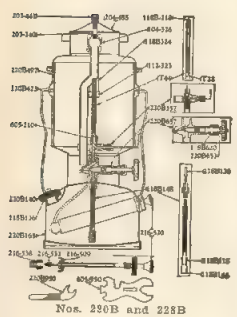
THE FOLLOWING PARTS ARE FOR KEROSENE LAMPS MODEL NO. 120 EXCLUSIVELY

129 - 145	Handle	.18
129 - 165	Fount Complete	3.60
129 - 307	Valve Body	.60
129 - 310	Preheater Cup	.15
129 - 365	Air Intake Tube	.45
129 - 399	Burner Complete	2.70
242 K610	Filling Can Complete	.45

NOTE—All Prices on This Page are Standard Factory List Prices. Not Subject to the Usual Discount. Net Prices on Application.

COLEMAN LANTERN REPAIR PARTS

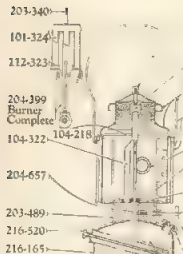
For Nos. 220B and 228B Instant Lighting Lanterns



Nos. 220B and 228B

No.	Name of part	Each
T23	Generator Cleaning Needle (113B238)	$0.15
T44	Generator and Gas Tip Cleaning Needle (Less Jamb Nut) (Gas Tip Marked "V") (113B298)	.35
104 - 326	Mixing Chamber	.48
112 - 323	Burner Cap and Screens	.15
118 B118	Fuel Tip (Marked "AB")	.06
118 B136	Filler Plug Gasket, 2 for	.06
118 B138	Fuel Tip Cleaning Needle	.15
118 B145	Fuel Tip Protector and Screen	.15
118 B146	Fuel and Air Wire Complete (Fuel Tip Marked "AB")	.75
118 B218	Gas Tip (Marked "V")	.06
118 B324	Burner Tube	.15
118 B626	Valve Stem Packing	.02
203 - 340	Ventilator Rod	.06
203 - 441	Ventilator Ball Nut	.06
*204 - 485	Ventilator (Porcln.—5¼ in. Base)	1.50
216 - 500	Pump Leather	.09
216 - 520	Pump Plunger Complete (Less Air Stem)	.60
216 - 532	Air Stem	.15
216 - 538	Check Valve	.15
220 B140	Filler Plug Complete	.48
220 B165	Fount Complete	4.50
220 B257	Gas Tip Cleaner Complete Assem.	.75
*220 B423	Bail	.15
220 B429	Globe Base Rest	.15
220 B497	Frame	.75
220 B638	Valve Stem Complete	.60
220 B657	Fuel Valve Complete	1.50
220 B950	Wrench (Small)	.15
†327 - 480	Ventilator (Porcln.—3⅝ in. Base)	1.85
†328 B423	Bail	.15

*For Lantern Model No. 220B
†For Lantern Model No. 228B.

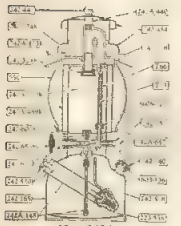


No. L427

For No. L427 Quick-Lite Lantern

No.	Name of part	Each
Q99	Coil Generator (Gas Tip Marked "Q") (104-299)	$0.35
101-324	Burner Tube	.15
104-218	Gas Tip (Marked "Q")	.06
104-317	Burner Support Coupling	.18
104-322	Air Intake Tube	.36
116-136	Filler Plug Gasket, 2 for	.06
203-498	Frame and Bail	.90
203-653	Valve Stem Complete	.60
204-140	Filler Plug Complete	.48
204-399	Burner Generator & Valve Complete Assem	2.70
204-657	Fuel Valve Complete	.75
216-165	Fount Complete	4.20
605-950	Wrench	.15

For No. 242A Instant Lighting Lantern



No. 242A

No.	Name of part	Each
T33	Generator Cleaning Needle (242-238)	$0.15
T66	Generator Gas Tip Marked "6") (242 299)	.85
*117 - 144	Tip Protector and Screen	.15
223 - 538	Pump Check Valve	.30
*242 - 118	Fuel Tip (Marked "5")	.06
242 - 140	Filler Plug Complete	.30
242 A148	Fuel & Air Wire Complete (Fuel Tip Marked "L")	.35
242 - 165	Fount Complete	3.60
242 - 218	Gas Tip (Marked "6")	.06
242 - 304	Tip Cleaner Eccentric Block	.06
242 - 323	Burner Cap and Screen	.30
242 - 324	Burner Tube	.15
242 - 358	Tip Cleaner Stem Complete	.15
*242 - 370	Frame and Burner Complete	1.50
†242A 370	Frame and Burner Complete	1.50
*242 - 423	Bail	.15
†242 A 423	Bail	.15
†242A 440	Ventilator Rod	.09
†242 - 441	Ventilator Ball Nut	.06
†242 - 484	Ventilator	.75
*242 - 485	Ventilator	.75
242 A489	Globe Base Rest	.15
242 - 518	Pump Leather Assembly	.18
242 - 520	Pump Plunger Complete	.45
242 - 606	Frame to Valve Connecting Stud	.06
242 - 607	Valve Body	.06
242 - 620	Valve Stem Packing	.03
242 - 653	Valve Stem Complete	.30
242 A657	Valve Complete	1.50
603 - 136	Filler Plug Gasket, 2 for	.06
603 - 456	Hexagon Brass Nut (¼ in 18)	.05
605 - 210	Jamb Nut	.03

*For No. 242 †For No. 242A.

WALL HANGERS

FOR COLEMAN LANTERNS

Combination Hanger and Shield

Porcelain enameled shield made of heavy gauge metal furnished with iron channel insulator and bracket strap.

Each

No. 204-480—Shield and hanger complete; wt. each 3½ lbs. *$1.80*

LANTERN GLOBES

COLEMAN

Pyrex

Genuine Pyrex heat resisting glass. For use on Instant Lighting lanterns Nos. 220B and 228B.

Each

No. 330—4⅞ in. diameter 5¼ in. high; wt. each 1⅞ lbs. *$1.00*

One in a carton.

Pyrex; Bulge Type

Genuine Pyrex heat-resisting glass. For use only on lanterns Nos. 242 and 242A.

Each

No. 550—3½ in. diameter, 4¼ in. high; wt. each ¾ lb. *$0.75*

One in a carton.

Mica

A 13-piece mica globe. Can be used on all Coleman lanterns except Nos. 242 and 242A.

Each

No. 327—4⅞ in. diameter, 5⅝ in. high; wt. each 5 ozs. *$0.65*

One in a carton.

Mica

For use only on lanterns Nos. 242 and 242A.

Each

No. 440—4 in. diameter, 4⅛ in. high; wt. each 3 ozs. *$0.50*

Note—All Prices on This Page are Standard Factory List Prices. Not Subject to the Usual Discount. Net Prices on Application.

MANTLE PROTECTORS

COLEMAN

Pyrex

Genuine Pyrex heat-resisting clear glass globe. Protects mantles against insects, etc.

Each

No. 355—For use on all 1935 lamps; wt. each 1¼ lbs. *$0.90*

Six in a carton.

Pyrex

Genuine Pyrex clear glass globe fitted with wire holders

Protects mantle against insects, etc.

Each

No. 352—For use on No. 130P, No. 131P and No. 132P lamps; wt. each 1 lb. *$1.20*

Six in a carton.

Mica

Mica construction fitted with wire holders.

Protects mantle against insects, etc.

Each

No. 351—For use on No. 130P, No. 131P and No. 132P lamps; wt. each ⅝ lb. *$0.75*

Twelve in a carton.

INSECT SCREENS

COLEMAN

Asbestos Covered Wire

For all Instant-Lighting lamps. Complete with adapter for fastening to shade holder.

Each

No. 350A—5 in. diameter, 3⅜ in. fitter opening; wt. each ⅝ lb. *$0.75*

Twelve in a carton.

Asbestos Covered Wire

For all Quick-Lite lamps fitted with old style 3-prong shade holder.

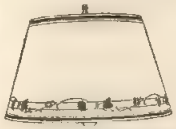
Each

No. 310Q—5 in. diameter, 3⅜ in. fitter opening; wt. each ⅝ lb. *$0.60*

Twelve in a carton.

LAMP SHADES

COLEMAN



Parchment

Extra quality Parisienne kid parchment. Decorated.

Each

No. 362—15 in. diameter bottom; for No. 132A lamp; wt. each 2 lbs. *$1.60*

Parchment

High quality Parisienne kid parchment. Decorated.

Each

No. 363—13 in. diameter bottom, for No. 129 lamp; wt. each 1⅛ lbs. *$0.85*

Parchment

High quality Parisienne kid parchment. Decorated.

Each

No. 361—13 in. diameter bottom, for No. 134P lamp; wt. each 1⅛ lbs. *$0.85*

Parchment

Extra quality Parisienne kid parchment. Decorated

Each

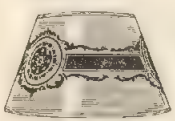
No. 364—13 in. diameter bottom, for No. 133 lamp; wt. each 1⅛ lbs. *$0.85*

Parchment

Light tan with black and silver decorations.

Each

No. 347—12 in. diameter bottom, for No. 130P lamp; wt. each 1 lb. *$0.75*



Parchment

Light tan with black and gold decorations

Must be used with globe and fitter assembly to protect parchment from heat of mantles.

Each

No. 054—15 in. diam. bottom, for No. C362 lamp; wt. each 2 lbs. *$1.00*

All above, three in a carton.

LAMP SHADES

COLEMAN

Parchment

Tan, silver and brown colors.

Each

No. 348—15 in. diameter bottom, for No. 132P lamp; wt. each 2 lbs. *$1.00*

Three in a carton

Parchment

Tan, silver and red colors.

Each

No. 346—15 in. diameter bottom, for No. 131P lamp; wt. each 2 lbs. *$1.00*

Three in a carton.

White Monax Glass

Each

No. 329—10 in. diameter, fits any model Coleman lamp except Nos. C362, 121, 130G, 130P, 131P, 132P, 132A, 133, 134P, 134 and 129; wt. each 4 lbs. *$1.50*

Plain Cream Colored Glass

Fits same models as No. 329.

Each

No. 443—10 in. diameter; weight each 4 lbs. ..... *$....*

Six in a carton.

LAMP GLOBES

COLEMAN

Heat-Resisting Glass

Three-quarter frosted. Protects mantles from flying insects. For use on No. 130G and No. C362 lamps.

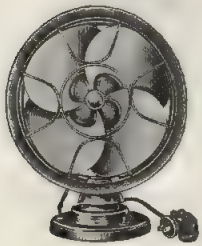
Each

No. 062—7 in. diameter; wt. each 2 lbs. *$1.00*

Note—All Prices on This Page are Standard Factory List Prices, Not Subject to the Usual Discount. Net Prices on Application.

EMERSON SILVER SWAN ELECTRIC FANS

Guaranteed for Five Years by Maker



10-inch Oscillator
4 Blades; One Speed

Amazingly Beautiful

Full of Eye Appeal

Aluminum Overlapping Blade Design

12-inch Oscillator
4 Blades; Three Speeds

Specifications:

Motor—Induction Type, Enclosed by Two Formed Aluminum Enclosing Covers of Streamline Design to Facilitate Air Movement; No Brushes or Mechanical Starting Device; No Radio Interference; 12-inch Fan has Capacitor Motor.

Shaft—Solid Steel Shaft, $\frac{1}{4}$-inch in Diameter; Accurately Ground to Size.

Bearings—Large Bronze Bearings, Grooved to Distribute the Oil Evenly.

Lubrication—Oil Fed by Cotton Wicking from Both Upper and Lower Reservoirs.

Switch—10-inch Fan—Single-Speed Toggle Switch in Base.
12-inch Fan—Special Type Three-Speed Switch in Base.

Fan Assembly—"Patented" Fan with Four Overlapping Blades Designed for Maximum Air Delivery with Extreme Quietness of Operation; Formed from Sheet Aluminum and Mounted on Aluminum Enclosing Cover or Shell of Streamline Design.

Guard—Very Striking Ornamental Design and Finish; Sturdy, Welded Construction.

Base—Felt Covered; Hinged Ratchet in Base Provides for Tilting Fan to Direct the Air Upward or Downward and Automatically Locks Fan in Desired Position.

Oscillation—Fully Enclosed Mechanism—Conceals and Protects Moving Parts, Sealed Against Oil Leaks; Smooth, Uniform Oscillating Motion Insured by Ball Bearings in Base Socket.

10-inch Fan Oscillates in Arc of 90° and Sliding Sleeve on Oscillator Shaft Operates Release Clutch to Disconnect Oscillating Mechanism and Automatically Locks Fan in Desired Stationary Position.

12-inch Fan—Emerson Standard Oscillating Arrangement—Adjusting Case Permits Arc of Oscillation from 90° to Any Lower Range or Stationary Position.

Finish—Very Attractive Combination of Mahogany Lacquer on Guard and Base, with Highly Polished Natural Aluminum Finish on Fan Assembly and Streamlined Enclosing Covers on Motor.

NOTE 110-Volt Fans Listed Will Operate on Voltages 104-120 Alternating Current Only.

Type Nos.	Style	Size Fan, inches	Volts	Cycles	Weight Each, Packed, lbs.		Each
5250	Osc.	10	110	60	18	$21.60	17.50
5499	Osc.	12	110	60	31	37.05	30.00

One in a Carton

EMERSON ELECTRIC FANS

Guaranteed for Five Years by Maker

EMERSON 12 AND 16-INCH FANS

STANDARD

4-Blade; 3-Speed A. C. and D. C.

Emerson Standard 12 and 16-inch Fans Move a Great Volume of Air at a High Velocity—Resulting in a More Penetrating Breeze and More Comfort Within Range of the Fan; the A. C. Fans Have But One Oil Well, and Because of its Large Capacity Requires Oiling Only Once or Twice a Season; a Convenient Carrying Handle Makes it Easy to Move the Fan About.

Emerson Standard 12 and 16-inch Fans Embody all the Refinements and Distinctive Features which Have Contributed to the Success of Emerson Fans in Past Years; Many of these Fans Have Given More than Thirty Years of Service and this Fine Record is Traceable to the Exclusive Emerson Features.

The 5-Year Guarantee Tag is the Most Important Evidence of Emerson Fan Perfected Design; It Gives an Unqualified Guarantee to the User Against Electrical or Mechanical Defects in the Fans He Buys; It Helps Sell Fans by Removing any Doubt as to Possible Service and Satisfaction with the Purchase.

Specifications

Steel Parker Blades; Hinged Desk-Bracket Base with Felt Covering; ½-inch Hardened Hollow Steel Shaft and Oil Tight, Dust Proof Bearing on A. C. Types; Liberal Size Bronze Bearings, Grooved to Distribute the Oil Evenly and to Prevent Leakage; Wool Packed, on D. C. Types; Swivel Adjusting Collar Below Motor; Three Speeds, Sliding Switch in Base; Double Ring, Spot Welded Guard; Lustrous Baked Black Enamel Finish on Motor, Base and Guard—Blades in Semi-Gloss Black Lacquer; Complete with Plug and Cord; Underwriters Approved.

Note—110-Volt Fans Listed Will Operate on Voltages 104-120 Alternating Current Only.

Type Nos.	Style	Size Fan, inches	Volts	Cycles	Wt. Ea. Packed, lbs.	Each	
28646	Non-Osc.	12	110	60	29	$25.95	21.00
29646	Osc.	12	110	60	31	30.90	25.00
★29646C	Osc.	12	110	60	31	41.40	33.50
229646	Osc.	12	220	60	31	32.70	26.50
73648	Osc.	16	110	60	38	39.50	32.00
★73648C	Osc.	16	110	60	38	50.00	40.50
273648	Osc.	16	220	60	38	41.40	33.50
73248	Osc.	16	110	25	51	41.40	33.50

Note—Fans Shown Below Will Operate Only on Direct Current.

28646	Non-Osc.	12	115	D. C.	35	28.40	23.00
75046	Osc.	12	115	D. C.	38	35.20	28.50
★75046C	Osc.	12	115	D. C.	38	45.70	37.00
375046	Osc.	12	32	D. C.	38	37.05	30.00
275046	Osc.	12	230	D. C.	38	37.05	30.00
75048	Osc.	16	115	D. C.	42	43.20	35.00
★75048C	Osc.	16	115	D. C.	42	53.70	43.50
375048	Osc.	16	32	D. C.	42	45.10	36.50
275048	Osc.	16	230	D. C.	42	45.10	36.50

★NOTE—Nos. 29646C, 73648C, 75046C and 75048C Fans, Full Chromium Finish.

EMERSON ELECTRIC FANS

Guaranteed for Five Years by Maker

EMERSON 12 AND 16-INCH FANS

OSCILLATING

6-Blade; 3-Speed A. C. Only

Emerson 6-Blade, Slow Speed Oscillators are the Most Popular Fans for Homes, Hospitals, Offices, Assembly Rooms, Theatres and Such Places Where Large Air Movement is Wanted with Extremely Quiet Operation; the Motors are Specially Constructed to Operate at Slower Speeds, but the Air Delivery is Approximately the Same as the Higher Speed 4-Blade Fans.

These Fans Continue to Hold the Popular Acceptance that Has Been Awarded Them Through the Years; Constant Improvement and Refinements Have Been Added, but the Basic Design Remains Unchanged.

Specifications

Steel Parker Blades; Hinged Desk-Bracket Base with Felt Covering; ½-inch Hardened Hollow Steel Shaft and Oil Tight Dust Proof Bearing; Swivel Adjusting Collar Below Motor; Three Speeds, Sliding Switch in Base; Double Ring, Spot Welded Guard; Lustrous Baked Black Enamel Finish on Motor, Base and Guard—Blades in Semi-Gloss Black Lacquer; Type 71666FG 12-inch, 6-Blade Oscillators French Gray Finish, which Harmonizes with Practically Any Color Scheme in the Home and Blends Nicely with the Modern Sanitary Finishes in Hospitals, Dentists' and Doctors' Offices; Complete with Plug and Cord; Underwriters Approved.

Note—110-Volt Fans Listed Will Operate on Voltages 104-120 Alternating Current Only.

Type Nos.	Style	Size Fan, inches	Volts	Cycles	Wt. Ea. Packed, lbs.	Each	
71666	Osc.	12	110	60	31	$30.90	25.00
71666FG	Osc.	12	110	60	31	30.90	25.00
29266	Osc.	12	110	25	46	33.70	26.50
73668	Osc.	16	110	60	40	42.25	34.25

No. 71666FG, French Gray Finish.

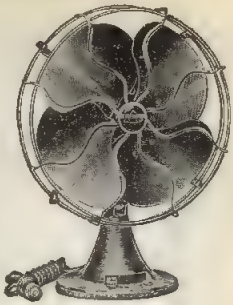
EMERSON ELECTRIC FANS

10-INCH OSCILLATOR
Overlapping Blade
One Speed—Switch in Base

Patented Overlapping Blades

Five-Year Guarantee By The Maker

Two New Leaders of the Emerson Line for 1935



12-INCH OSCILLATOR
Overlapping Blade
Three Speed—Switch in Base

A Newly Developed and Patented Blade that Combines Two, Much Sought After Features. Greater Breeze Power and Quieter Operation.

This Special Blade Throws a More Penetrating Breeze than Any Other Emerson Fan, and the Whir of the Blades is Hardly Perceptible. The Blade is Made of Aluminum and Treated by a New Process to Prevent Corrosion. It has a Baked Semi-gloss Black Finish. Other Features are Standard Emerson Design and Construction.

Specifications

Motor—10-inch Fan—Induction Type Motor no Brushes or Mechanical Starting Device.

12-inch Fan—Induction Type Motor no Brushes or Mechanical Starting Device.

Shaft—10-inch Fan—Solid Steel Shaft, ⅜-inch Diameter.

12-inch Fan—½-inch Diameter, Case-hardened, Hollow Steel Shaft, Cast Into Motor Frame.

Bearings—10-inch Fan—Liberal Size Bronze Bearings, Grooved to Distribute the Oil Evenly.

12-inch Fan—Oil-tight Dust-proof Bearings.

Lubrication—10-inch Fan—Oil, Fed by Cotton Wicking from Both Upper and Lower Reservoirs.

12-inch Fan—Oil Fed From Oil Cup at Back of Motor to Hollow Shaft. Only One Place to Oil.

Switch—10-inch Fan—Single-speed Sliding Switch in Base.

12-inch Fan—Three-speed Sliding Switch in Base.

Cord—Durable Cord and Plug Attached. Approved by Underwriters.

Blades—Aluminum—Patented Design—Specially Treated to Prevent Corrosion.

Oscillation—Adjusting Case Permits Adjusting Arc of Oscillation from 90° to Any Lower Range or Stationary Position.

Swivel Adjustment—12-inch Fan—Exclusive Emerson Feature Permits Changing the Center of Oscillation Arc Within a 90° Radius. Five Positions.

Guard—Double Ring Guard of Heavy Gauge Wire, Spot Welded

Base—Patented Friction Hinge for Tilting Fans Up or Down, or for Wall (Bracket) Mounting; Felt Covered.

Finish—Lustrous Baked Black Enamel on Motor, Base and Guard; Blades Finished in Semi-Gloss Baked Black Lacquer.

NOTE—110-Volt Fans Listed Will Operate on Voltages 104-120 Alternating Current Only.

Type No.	Style	Size Fan, inches	Volts	Cycles	Weight Each Packed, lbs.	Each	
6350	Osc.	10	110	60	17	$18.45	14.95
77646	Osc.	12	110	60	32	35.20	28.50

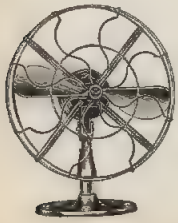
One in a Carton

EMERSON ELECTRIC AIR CIRCULATOR FANS

Guaranteed One Year By Maker

Emerson Air Circulator Now Available With Floor Column and Counter Column Mountings.

Floor Column Mounting Adjustable From 4 feet 10½ inches to 8 feet 1 inch. (Floor to Center of Fan;) Base Drilled for Attachment to Floor.

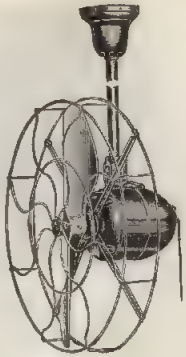


Counter Mounting Made in One Size With Center of Fan, 2 feet 6 inches from the Bottom of the Base; Base Drilled for Attachment to Counter.

Used Wherever High Volume of Air Circulation is Required.

For Maximum Cooling Effect in Large Rooms or Buildings, This Type Fan Has No Equal. It is Used in Every Type of Commercial, Industrial and Public Buildings. With the Addition of the Two Column Mountings, a New and Wider Field of Application is Made Possible.

The Air Circulator is Characteristically Emerson in Design, Operation and All Around Performance.



Specifications:

Motor—A. C. Fan Induction type, Fully Enclosed, Leads Extend 20 inches.
D. C. Fan—Full enclosed Motor, Brush and Commutator Type—Brushes Readily Renewable Without Dismantling Motor.

Shaft—Solid Steel Shaft, ⅛ inch Diameter.

Bearings—Ball-bearings, Grease Packed.

Lubrication—As Shipped From the Factory, Fans Will Give Several Normal Seasons of Service Before Relubrication is Necessary. (Approximately 2500 Hours).

Switch—Pull Switch in Back Cover of Motor.

Blades—Airplane Propeller Type—Cast Aluminum.

Guard—Double Ring Guard of Heavy Gauge Wire—Spot Welded.

Finish—Lustrous Baked Black Enamel Finish on Motor and Guard—Blades Natural Aluminum, Highly Polished.

Fittings—Furnished with Ceiling Canopy and Lag Screw, for Fastening to Wood Ceiling, with Hicky to Fit ¾ inch Hanger Pipe—Adapter to Fit ½-inch Stud Furnished at No Extra Charge. **No Hanger Pipe Regularly Furnished—See Below.**

Floor Column Mounting—Adjustable Floor Column Mounting Permits Placing the Fan Within the Following Range—Minimum 4 feet 10½ inches From Floor to Center of Fan to 8 feet 1 inch From Floor to Center of Fan. **Not Regularly Furnished—See Below**

Counter Mounting—Made in One Size with Center of Fan 2 feet 6 inches from the Bottom of the Base. **Not Regularly Furnished See Below.**

Finish—Lustrous Baked Black Enamel on Motor, Base and Guard—Blades in Semi-Gloss Black Lacquer.

NOTE—110 Volt Fans Listed Will Operate on Voltages 104-120 Alternating Current Only.

Type Number	Speed	Size Fan, Inches	Volts	Cycle	Weight Each Packed, lbs.	Each	
S6SL	1-Speed	23	110	60	62	$52.50	42.50
S6OTO	2-Speed	23	110	60	63	58.65	47.50
D6OSO	1-Speed	23	115	D. C.	64	58.65	47.50
No. AFC—Adjustable Floor Column Mounting for Air Circulator.					116	17.90	14.50
No. ACC Counter Column Mounting for Air Circulator					33	7.40	6.00

One in a Carton

NON-ADJUSTABLE HANGER PIPE

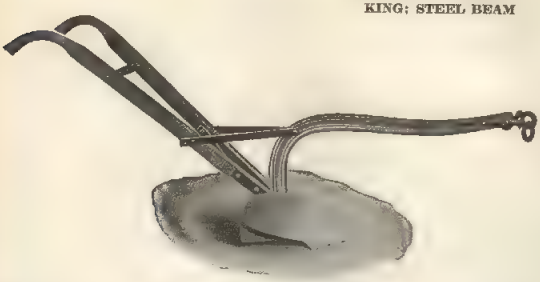
Finished in Lustrous Black Enamel; ¾ inch.

	Per Foot
No. HP34—Weight per Foot, 1¼ lbs.	$0.50

Loose

CHILLED PLOWS

KING; STEEL BEAM



All repairs of corresponding numbers of King Chilled plows will interchange perfectly with the Oliver, Vulcan, and Chattanooga plows.

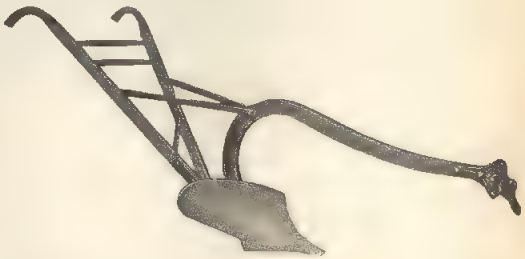
We have recently installed complete new equipment in patterns, forms and gauges which insure absolute accuracy in fit of repairs and in working of plows in the field.

These plows can be sold to give entire satisfaction.

Every piece has the name King on it and is guaranteed to fit the plows of corresponding numbers.

Nos.	Goober	6
Size plow	1 horse	1 horse
Capacity, in.	4½x8	4x7
Wt. each, lbs.	58	49
Each	$18.00	16 00

KING; STEEL BEAM



A general purpose plow of high efficiency.

All repairs of corresponding numbers of King Chilled Plows will interchange perfectly with the Oliver, Vulcan and Chattanooga plows.

Every piece has the name King on it and is guaranteed to fit plows of corresponding numbers.

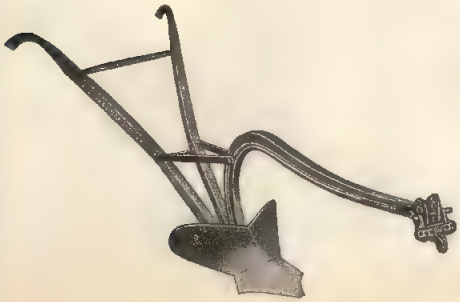
Will give entire satisfaction.

Nos.	10	13
Size plow	1 or 2 horse	2 horse
Capacity, in.	6½x11	6x11
Wt. each, lbs.	99	103
Each	$27.75	30.75

Open stock.

CHILLED MIDDLEBUSTERS

KING; STEEL BEAM



For use in clay, sandy, gravelly or loamy soils for breaking ridges or beds made for potatoes, corn, cotton, and other crops planted in rows.

Mold boards made in one piece to insure strength and durability.

Equipped with steel rudder and renewable land slide.

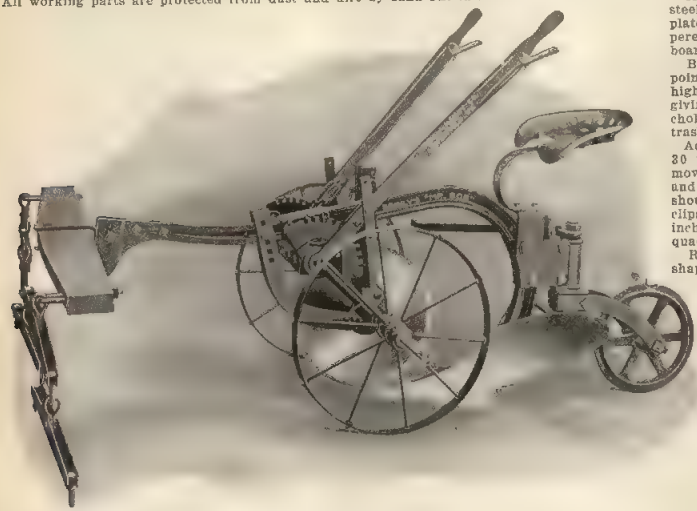
Nos.	PB10	PB12
Size middle buster	1 horse	2 horse
Capacity, in.	10	12
Wt. each, lbs.	80	85
Each	$30.00	33.00

Open stock.

STEEL PLOWS

BRINLY "MR. BOB" RIDING MIDDLEBREAKER

All parts of the Mr Bob middlebreaker are designed so as to give strength and durability to withstand the most severe usage in the field As many parts as possible are made of steel, and a number of the right and left hand parts are reversible. All working parts are protected from dust and dirt by sand shields.



Heavy crucible analysis steel point, extra heavy steel plate frog and carefully tempered, soft-center steel moldboards, highly polished.

Beam is 22 inches over point and 24 inches at the highest arch of the throat, giving ample room to prevent choking under the most trashy soil conditions.

Adjustable wheel track from 30 to 43 inches, and by removing inside sand shields and placing wheels against shoulder of forged steel axle clips, it can be adjusted to 27 inches. Heavy steel levers, quadrants and cross arms.

Rear wheel has a "V" shaped rim which cuts into the furrow bottom and has the effect of a rudder. Bushing is oil soaked hardwood. High grade, steel, 18 inch rolling coulter. Heavy steel clevis. Hardwood evener bar equipped with steel double and single trees. This hitch is so designed that it will drop down on the heels of the team when the traces are slack

Nos.	14RM	16RM	18RM	20RM
Cut, in.	14	16	18	20
Weight each, lbs.	465	470	476	480
Each	$191.25	194.65	198.00	201.40

Open stock.

BRINLY "MR. BOB" MIDDLEBREAKER REPAIRS

Name of parts	Wt., lbs.	Price
Points		
14 in.	8 4	$ 8.10
16 in.	9.6	9.55
18 in.	10 0	10.70
20 in.	10 7	12.40
Molds, per pr.		
14 in.	15.0	18.90
16 in.	17.0	20.25
18 in.	21.0	24.75
20 in.	24 0	27 00
Front Carriage Parts		
Front carriage axles	15 0	9 00
Front wheels	21 5	14 75
Front axle sand shields MB 12	1.2	1.70
Saddle casting R. H. MB A	8 7	5 65
Saddle casting L. H. MB B	8.7	5.65
Quadrant casting MB H	7.5	5.65
Front carriage cross arms	3 5	1 80
Foot rest	1 2	1.10
Quadrant R. and L.	3.7	2.70
Lever complete R. & L.	9.0	6.75
Pawl case MB13	1.5	9.00
Pawl MB14	0.5	.55
Pawl spring	0.2	.55
Lever link	1.6	.90
Axle clips, inside	1 0	55
Axle clips, outside	1.0	.90
Bottom Parts		
Beam	60.0	22.50
Clevis jaws R. and L.	2.7	3.40
Evener link	3.6	2 95
Frog	9 3	9 00
MB 15	1 5	1.70
MB 16	1 5	1 70

Name of parts	Wt., lbs.	Price
Rear Carriage Parts		
Rear wheel MB 11	20.0	$11 25
Rear wheel bushing wood	0.3	1.70
Rear sand shields MB 8	1.0	1.15
Grease cup ⅛ in.	0.3	.90
Rear wheel arm R. and L.	4.6	2.00
Rear wheel caster MB 4 1¼ spindle	12.3	10.10
Rear wheel caster MB 6 1⅛ spindle	12.3	10 10
Rear wheel caster bearing MB 1 for 1¼ spindle	12.8	7.90
Rear wheel caster bearing MB 3 for 1⅛ spindle	12 8	7 90
Rear wheel caster lock MB 2 for 1¼ spindle	1.8	1.70
Rear wheel caster lock MB 5 for 1⅛ spindle	1 8	1 70
Beam to caster bearing plates	4.5	2.25
Rear wheel lock lever	3 0	2.50
Rear wheel lock lever spring	0 4	2.00
Seat	4.0	4.50
Seat spring	8.0	3.60
Seat spring bracket	4.6	2.50
Colter Parts		
Colter with butts	16.0	20.25
Colter hub MB 7	2.0	1.10
Colter sand shield MB 8	1 0	1.10
Colter arms rear R. and L.	5.6	2.50
Beam to caster bearing plates	4.5	2.25
Colter bushing wood	0.3	1.70

STEEL PLOWS

BRINLY JUMPING SHOVEL

Wood Beam

Best material and properly braced, will stand unusual strain.

The bracing extending both from the beam to post on the top and from post to beam on the bottom

Correct adjustment is made at the factory, and the strong double bracing makes it impossible for post and beam to get out of alignment.

The blades are made of crucible analysis steel and are properly shaped to take the ground perfectly

The notched coulter is another important feature. It cannot slip and work loose.

No. 8 is a one-horse plow and No. 10 is built for two-horse work

On the No. 10, a strip of heavy steel runs the entire length of the beam on the under side, greatly increasing its strength.

Nos.	8	10
Size, in.	10	13
Size blade, in.	10x13	13x15
Weight each, lbs.	40	56
Each	$24.75	$31.50

Open stock

BRINLY NEW GROUND

Wood Beam

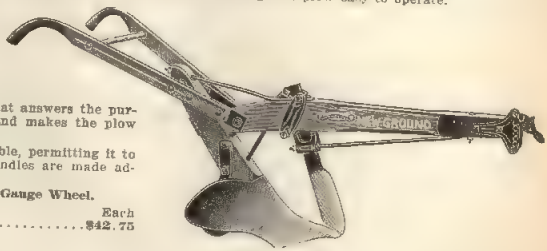
These plows have a splendid feature in the double brace from beam to standard This not only gives great strength and keeps the angle between point of blade and clevis at end of beam always the same, but it also insures the proper set to make the plow run right. Handles made adjustable for different height plowmen, making this plow easy to operate.

This plow will stand the most severe strains. The moldboard is carefully shaped and is supported by heavy steel bar welded on the landside.

Heavy blade and bar with a turning capacity and will turn the soil and bury vegetation like an ordinary turning plow.

This plow is equipped with a gauge wheel that answers the purpose of a landside, helps regulate the depth and makes the plow run easy and steady.

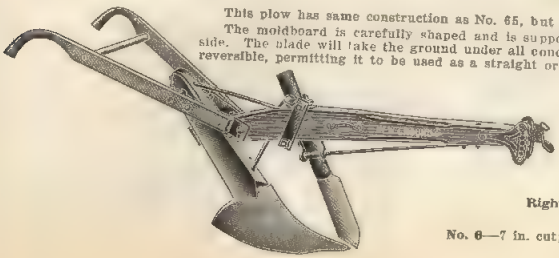
The coulter has a double edge and is reversible, permitting it to be used as a straight or jumping coulter Handles are made adjustable for different height plowmen.



Right Hand Only, Reversible Coulter and Gauge Wheel.

	Each
No. 65—10 in. cut; weight each 87 lbs.	$42.75

Open stock



This plow has same construction as No. 65, but is a lighter and smaller plow.

The moldboard is carefully shaped and is supported by heavy steel bar welded on the landside. The blade will take the ground under all conditions. The coulter has a double edge and is reversible, permitting it to be used as a straight or jumping coulter.

A plow that will give longest, most satisfactory service.

The beam, post and handles are made from thoroughly seasoned timber.

This plow is not equipped with a gauge wheel.

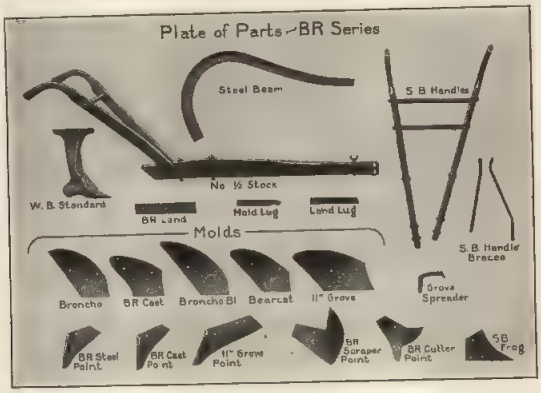
Right Hand Only, Reversible Coulter

	Each
No. 6—7 in. cut; weight each 70 lbs.	$33 75

Open stock.

PARTS FOR BRINLY STEEL PLOWS

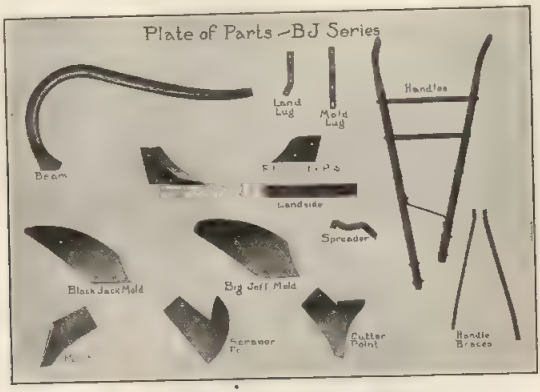
FOR BRONCHO, BRONCHO BLACKLAND, BEARCAT, BR SLAT, PINTO AND YAZOO HIGH BED



LIST OF BOLTS USED IN BR BOTTOMS

Type	Point to Frog or Standard	Mold to Frog or Standard	Mold to Mold Lug	Land to Frog or Standard	Frog to Beam	Frog to Beam to Land Lug
Steel beam	⅞x1 No 3	⅜x1 No 3	⅜x1 No. 3	⅜x1¼ No 3	½x2 No. 3	½x2¼ Crg.
Wood beam	⅞x1¼ No. 3	⅝x1¼ No 3		⅝x1¼ No 3		

FOR BLACKJACK, BIG JEFF, AND BJ SLAT



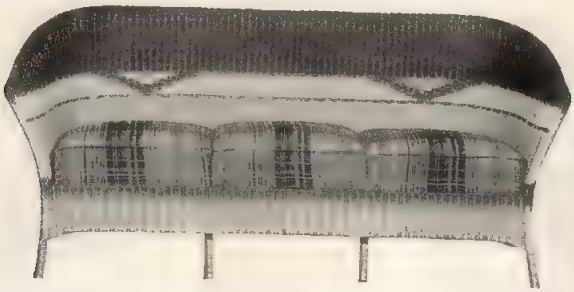
LIST OF BOLTS USED IN BJ BOTTOMS

Point and Moldboard Bolts	Land to Frog	Land to Spreader	Frog to Beam	Plate to Frog	Land to Frog to Beam	Plate to Frog to Beam
⅞x1 No 3	⅞x1¼ No. 3	⅞x1¼ No 3	⅞x1¼ No. 3	⅞x1¼ No 3	⅞x1¾ No. 3	⅞x3¼ No. 3

Lower Mold Bolts for BJ Slat Plow—⅜x1 No. 3—Upper Mold Bolts—2—⅜x2¾ and 1 ⅜x2½ No. 3

NOTE—For List of Repairs and Prices See Following Pages

With choice of straight chair, regular rocker or spring steel rocker. Suite is made of closely woven wire center genuine Lloyd loom, metal reinforced. The spring seats are removable, automobile type construction. Suite is well built and cleanly constructed; no raw edges or unfinished fronts. The suite is finished in rich shaded green, decorated and upholstered in high grade harmonizing cretonne.



Each

No. F-SD301AG—Settee Davenports; Lloyd loom; 60 inches wide; 21 inches deep; height from floor, 17 inches; height of back from seat, 17 inches; shaded green finish; auto spring seat cushions **$27.00**

No. F-SD301AT—Settee Davenports; as above, except shaded tan finish..... **27.00**

Each

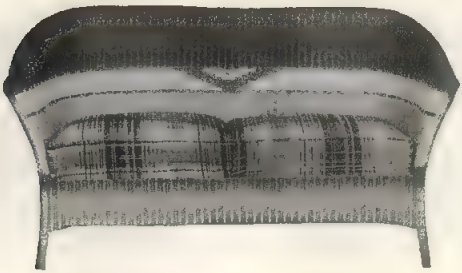
No. F-CA304AG Spring Base Chairs; Lloyd loom; width, 19 inches; depth, 19 inches; height of seat from floor 17, inches; height of back from seat, 17 inches; has celebrated Lloyd super comfort spring base construction which gives you a very comfortable rocker type chair, taking up same room as a straight chair; shaded green finish; removable auto spring seat cushions..... **$15.00**

No. F-CA301AT—Spring Base Chairs; as above, except shaded tan finish..... **15.00**

No. F-301CG—Chairs; shaded green to match No F-SD301AG davenport same chair as No. 301C on page 4289..... **12.00**

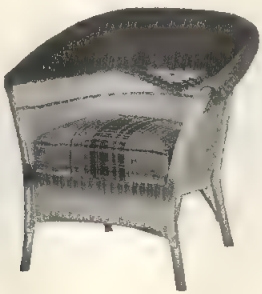
No. F-301CT—Chairs; tan finish to match davenport No F-SD301AT; same chair as shown on page 4289 (301C)..... **12.00**

Lloyd PATENT PROCESS LOOM Products



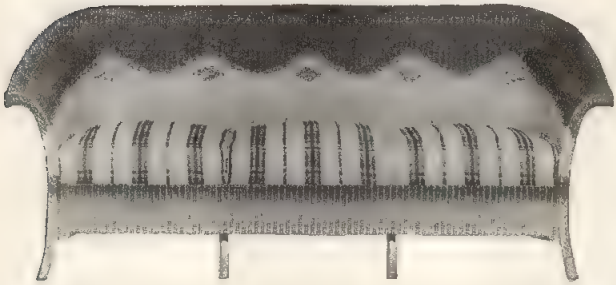
Buff tan, decorated, shaded brown, seat covers in harmonizing cretonne

	Each
No. F-301S—Settees; width, 48 inches; depth, 21 inches; height of back from seat, 17 inches; two automobile type cushion spring seats	$23.00



	Each
No. F-301T —Rockers; seat, width 19 inches, depth 18½ inches; back, height from seat 17 inches; cushion, automobile type construction	$12.00
No. F-301T Chairs; seat, width 19 inches, depth 18½ inches; back, height from seat 17 inches; cushion, automobile type construction	12.00
No. F-CA-301AT—Spring Chairs; to match above set; same as shown on page 4288	15.00

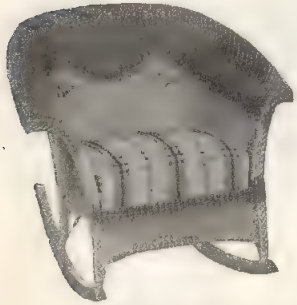
Lloyd PATENT PROCESS LOOM Products



Shaded tan blended to chocolate brown, heavy cretonne seat covers to harmonize.

Each

No. F-SD-303—Settee Davenports; seat, width 60 inches, depth 21 inches; back, height from seat 18 inches; cushion, automobile type construction..... **$31.00**



Shaded tan blended to chocolate brown, heavy cretonne seat covers to harmonize.

Each

No. F-R-303—Rockers; seat, width 19 inches, depth 18½ inches; back, height from seat 18 inches; cushion, automobile type construction. **$14.00**

Each

No. F-C-303—Chairs; seat, width 19 inches, depth 18½ inches; back, height from seat 18 inches; cushion, automobile type construction. **$14.00**

PATENT PROCESS **Lloyd LOOM Products**

On this and the following pages is shown our presentation of the beautiful new line of Lloyd furniture. The styles, designs, finishes and upholstery patterns are the newest. Every piece is distinctively Lloyd quality and value. You can make no mistake in keeping a stock of it at all times, because the extensive national advertising which this line receives is maintaining a steady and consistent market.

The construction of Lloyd furniture is built and designed to stand up under the hardest kind of wear. The joints are well constructed and reinforced with steel braces. The severest strain will not loosen them or force them apart.

Lloyd furniture is noted for it's smooth, even weave. Steel wire hearts in the upright strands of fiber immeasurably increase its wearing and comfort-giving qualities. A metal strip on the selvage edges prevents raveling and adds to the beauty.

TABLES.

Each

No. F-T307—Tables: genuine Lloyd Loom; round top, diameter 24 inches; height, 30 inches; finished in buff tan to match No. F-200 suites, or blended green to match No. F-201 suites **$11.00**

Each

No. F-T315—Tables; Lloyd Loom; wood top; loom shelf; top, 19x35 inches; height, 30 inches; finished in tan blended chocolate to match No. F-204 suite, cream tan blended green to match No. F-205 suite, or blended green to match No. F-201 suite **$16.00**

FERNERIES.

Each

No. F-312—Ferneries; Lloyd Loom; length, 27½ inches; width, 10½ inches, height, 27½ inches; metal pan, 26x9½ inches; finished blended green or tan, decorated **$9.50**

Each

No. F-314 Ferneries: Lloyd Loom; length 30 inches; width, 10 inches; height, 26½ inches, metal pan, 28½x 9½ inches; finished blended green or blended tan..... **$10.50**

REMINGTON.

Designed to meet every emergency of the hunter, trapper, fisherman, sportsman, camper and out-doors man.
Nickel silver (guard) hilt, cast aluminum (head) butt; blade and tang forged from one piece steel; handles made of leather, Pyralin brass and colored fibre discs, permanently locked with countersunk brass nut; edge set ready for use. Oak leather sheaths.

OFFICIAL GIRL SCOUT.

Per Dozen

No. C-RH251—Sheath Knives; length over all, 8 inches; blade length, 4 inches, mirror finished and etched with official Girl Scout insignia; handle, green leather, colored fibre and N. S. discs; N. S. thumb guard; leather sheath, green colored imprinted with official Girl Scout insignia; weight with sheath, 5½ ozs. **$21.60**

Suggested retail, $1.35 each.

OFFICIAL BOY SCOUT.

Per Dozen

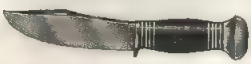
No. C-RH51—Sheath Knives; length over all, 8 inches; blade length, 4 inches; blade and tang one solid piece steel, mirror finished and etched with official Scout insignia, edge hand honed; handle leather, colored fibre and N. S. discs securely locked with countersunk brass nut; N. S. thumb guard; hard cast aluminum butt; sheath of oak tanned leather, imprinted with official Scout insignia; weight with sheath, 5½ ozs. **$21.60**

Suggested retail, $1.35 each.

Per Dozen

No. C-RH50—Sheath Knives; length of blade, 4½ inches; length over all, 8½ inches; weight with sheath, 8 ozs.; otherwise same as No. C-RH51. ..... **$30.00**

Suggested retail, $1.75 each.



Per Dozen

No. C-RH32—Sheath Knives; length blade, 4½ inches; indestructible leather, fibre and brass disc handle; length over all, 8½ inches; weight with sheath, 8 ozs. **$28.00**

Per Dozen

No. C-RH34—Sheath Knives; length blade, 5 inches; length over all, 9 inches; leather handle; weight with sheath, 11 ozs. **$48.00**

Per Dozen

No. C-RH36—Sheath Knives; length blade, 6¼ inches; length over all, 10¾ inches; leather handle; weight with sheath, 12 ozs. **$56.00**

ASSORTMENTS.

Contains one each of the fastest selling patterns. An attractive counter display and window card free. Assortment contains one each RH28, RH32, RH70, RH71, RH72P, RH73, RH74P and RH75 hunting knives.

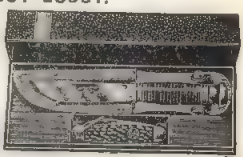
Per Assortment

No. C-RH77—Sheath Knife Assortments; as listed above. . **$15.80**

Retail value, $11.80.

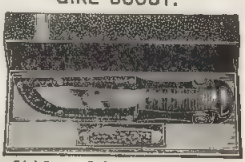
GIFT PACKAGES.

BOY SCOUT.



No. C-RS195—Boy Scout Gift Packages; containing one official Boy Scout pocket knife (RS3333) and one official Boy Scout sheath knife (RH51); packed in attractive red covered gift box; weight, 13 ozs. . . . . Each **$3.90**

GIRL SCOUT.



No. C-RS190—Girl Scout Gift Packages; containing one official Girl Scout knife (R4373) and one official Girl Scout sheath knife (RH251); packed in attractive green covered gift box; weight, 12 ozs. ..... Each **$3.80**

One in a box, six in a carton

SHEATHED OUTING KNIVES.

REMINGTON.

Designed to meet every emergency of the hunter, trapper, fisherman, sportsman, camper and out-doors man.

Nickel silver (guard) butt, cast aluminum (hand) butt; blade and tang forged from one piece steel; handles, made of leather, pyralin brass and colored fibre discs, permanently locked with countersunk brass nut; edge set ready for use. Oak leather sheaths.

Each

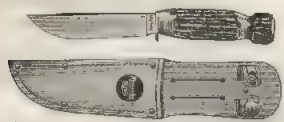
No. C-RH4—Sheath Knives; length of blade, 4½ inches; length over all, 7½ inches; stag handle; weight with sheath, 4 ozs. **$12.00**

Per Dozen

No. C-RH405 -Sheath Knives; length of blade, 5 inches; length over all, 10 inches; genuine walnut handle; carborundum stone inserted in pocket on sheath; weight with sheath, 8 ounces. **$20.00**

Per Dozen

No. C-RH73—Sheath Knives; length of blade, 4½ inches; mirror finished and attractively etched; length over all, 8 inches; genuine stag handle; weight with sheath, 5½ ozs. **$20.00**



Per Dozen

No. C-RH75—Sheath Knives; length of blade, 4 inches; mirror finished; length over all, 8 inches; genuine stag handle; weight with sheath, 5½ ozs **$20.00**

Per Dozen

No. C-RH74P -Sheath Knives; length of blade, 4 inches; mirror finished; length over all, 8 inches; Pyremite handle; weight each with sheath, 5½ ozs **$24.00**

Per Dozen

No. C-RH72P—Sheath Knives; length of blade, 4½ inches; mirror finished and attractively etched; length over all, 8 inches; Pyremite handle; weight with sheaf, 5½ ozs. . . **$24.00**

Per Dozen

No. C-RH71—Sheath Knives; length of blade, 4½ inches; mirror finished and attractively etched; length over all, 8 inches; leather handle; weight with sheath, 5½ ozs. . . **$24.00**

Per Dozen

No. C-RH70—Sheath Knives; length of blade, 4½ inches; mirror finished; length over all, 8 inches; leather handle; weight with sheath, 5½ ozs **$24.00**

Per Dozen

No. C-RH28—Sheath Knives; length blade, 4½ inches; length over all, 8½ inches; engraved, solid hard rubber handle; furnished with oak leather sheath; weight with sheath, 7 ozs. **$24.00**

One in a box, six in a carton.

FOR ALL OUTDOOR USE; HUNTER, TRAPPER, SCOUTS, TOURIST OR CAMPER.

Henry Sears and Son 1865 quality hunting knives are forged from special crucible cutlery steel, tempered and ground especially for hard use.

Per Dozen

No. C-261S—Sheath Knives; 4-inch blade, full mirror finish; stag handle, nickel plated guard; length over all, 7¾ inches; with sole leather sheath; has "Scout" etched on blade; weight per dozen, 3 lbs..... **$12.00**

SCOUT.

Per Dozen

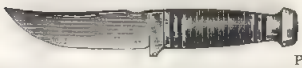
No. C-261S—Sheath Knives; has "Scout" etched on blade; otherwise same as No. C-261..... **$12.00**

No. C-262S—Sheath Knives; with white pearloid handle: otherwise same as No. C-261S..... 14.40

Per Dozen

No. C-260—Sheath Knives; 4½-inch Henry Sears & Son 1865 quality, full mirror finished blades; flat Tortoise Shell composition handle, nickel plated guard; length over all, 8¼ inches; sole leather sheath; weight per dozen, 4½ lbs..... **$16.00**

LITTLE QUEEN.



Per Dozen

No. C-902—Sheath Knives; 3½-inch blade, full polished; leather and fibre handle, aluminum butt plate and trim; each in a leather sheath; length over all, 7 inches; weight per dozen, 3½ lbs..... **$25.50**

Per Dozen

No. C-263—Sheath Knives; 4½-inch, full mirror finished blade; red agate celluloid handle, fibre and brass trimmed, aluminum butt; length over all, 8¾ inches; sole leather sheath; weight per dozen, 5 lbs..... **$27.00**

SCOUT.

No. C-263S—Sheath Knives; has "Scout" etched on blade; otherwise same as No. C-263..... **27.00**

Per Dozen

No. C-245—Sheath Knives; 4½-inch Henry Sears & Son 1865 quality blade; highly glazed finish; knurled back; cocobola handle; heavy nickel plated guard; aluminum butt plate; length over all, 8¾ inches; sole leather sheath; weight per dozen, 5½ lbs..... **$30.00**

Per Dozen

No. C-252—Sheath Knives; a miniature hunting knife de luxe; length over all, 6¾ inches; 3⅛-inch blade, finest razor steel, full mirror polished, handle of laminated amber and ivory kabarlite with genuine stag butt and heavy brass nut; complete with leather sheath; weight per dozen, 3 lbs..... **$30.00**

Per Dozen

No. C-251—Sheath Knives; same as No. C-252, except it has a sabre ground blade and handle is made entirely of Himalaya natural stag horn; weight per dozen, 3¼ lbs. **$30.00**

Per Dozen

No. C-2385 -Sheath Knives; 5-inch chromium stainless blades, full polished; brass guards; leather handle; aluminum butt plate; length over all, 9½ inches; leather sheath, weight per dozen, 4½ lbs..... **$32.00**

Per Dozen

No. C-247—Sheath Knives; 4½-inch Henry Sears & Son 1865 quality blade, full crocus polished; nickel plated guard; leather and fiber handle; aluminum butt plate; length over all, 8 inches; sole leather sheath; weight per dozen, 5½ lbs..... **$36.00**

Per Dozen

No. C-244—Sheath Knives; 5-inch Henry Sears & Son 1865 quality blade; highly glazed finish; leather handle; heavy nickel plated guard; aluminum plate; length over all, 9 inches; sole leather sheath; weight per dozen, 6 lbs..... **$39.00**

Per Dozen

No. C-250—Sheath Knives; 4½-inch Henry Sears & Son 1865 quality blade, full crocus polished; fancy cast aluminum hollow handle, with guard, has removable cap at butt end which has compass; the hollow handle serves as a match holder; length over all, 8½ inches; sole leather sheath; weight per dozen, 4½ lbs..... **$42.00**

Per Dozen

No. C-248--Sheath Knives; 4½-inch Henry Sears & Son 1865 quality blade, full crocus polished; nickel guard; fashioned handle, pearl celluloid black and white inlay, fiber and brass trimmed; aluminum butt; length over all, 8 ins ; sole leather sheath; weight per doz., 5¾ lbs... **$42.00**

Per Dozen

No.C-249—Sheath Knives; 4½-inch Henry Sears & Son, 1865 quality blade, full crocus polished; nickel plated guard; green color fancy celluloid handle; leather and brass trimmed; aluminum butt plate; length over all, 8 ins; sole leather sheath; weight per doz., 6¾ lbs.... **$48.00**

Half dozen in a box.

SHEATHED OUTING KNIVES.

KA-BAR.

Per Dozen

No. C-233—Sheath Knives; 4½-inch blade, highly glazed finish; black hard composition handle; heavy nickel plated guard; length over all, 8⅞ inches; sole leather sheath; weight per dozen, 4½ lbs.....**$21.00**

Per Dozen

No. C-0205—Sheath Knives; 4¼-inch full polished blade; red fibre handle; aluminum butt plate; length over all, 7¾ inches; leather sheath; weight per dozen, 3¾ lbs...**$20.00**

Per Dozen

No. C-206 –Sheath Knives; 4-inch full polished blade; unbreakable handle; aluminum butt plate; length over all, 7½ inches; leather sheath; weight per dozen, 3¼ lbs...**$24.00**

Per Dozen

No. C-5206—Sheath Knives; 4-inch full polished blade; leather disc handle; aluminum butt plate; length over all, 7¾ inches; leather sheath; weight per dozen, 3¼ lbs.**$24.00**

Per Dozen

No. C-205—Sheath Knives; 4¼-inch full polished blade; non-breakable handle; aluminum butt plate; length over all, 7¾ inches; leather sheath; weight per dozen, 3½ lbs.**$24.00**

Per Dozen

No. C-598½—Sheath Knives; 4-inch full polished blade; leather disc handle; aluminum butt plate; length over all, 7½ inches; leather sheath; weight per dozen, 4 lbs.....**$24.00**

Per Dozen

No. C-5205—Sheath Knives; 4¼-inch full polished blade; leather disc handle; aluminum butt plate; length over all, 8⅛ inches; leather sheath; weight per dozen, 3⅝ lbs...**$24.00**

Per Dozen

No. C-1205—Sheath Knives; 4½-inch full polished blade; pearl on amber celluloid handle; aluminum butt plate; length over all, 8 inches; leather sheath; weight per dozen, 3⅝ lbs.....**$30.00**

Per Dozen

No. C-3000—Sheath Knives; 4½-inch full polished blade; length over all, 8⅛ inches; threaded knob at end of handle, has reliable compass set into the under side of it; knob opens water-proof match compartment in composition rubber handle; thumb notch in blade is finely corrugated; with leather sheath; weight per dozen, 4½ lbs..**$36.00**

KA-BAR.

DEPENDABLE CUTLERY.

Behind the Ka-Bar knife are two dominant facts that challenge the attention of every outdoors man.

The first is that it is the ideal of the manufacturers to make these knives the finest it is possible to produce.

The second is that their experience as makers of one of the world's finest lines of cutlery provide for Ka-Bar knives the best materials, the finest equipment and the ablest talent.

Ka-Bar patterns have been perfected by experienced hunters, guides and trappers whose interest and suggestions are always welcomed.

Every user will find Ka-Bar quality and workmanship to be of the very highest order and, we believe, unequaled.

IMPERIAL.

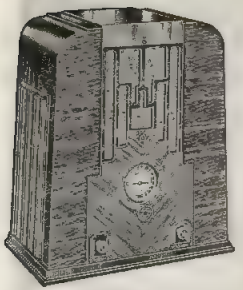
Per Dozen

No. C-1906—Sheath Knives; 4½-inch full polished blade; bone stag handle; with sheath; weight per dozen, 3 lbs...**$8.00**

Half dozen in a box.

SENTINEL ELECTRIC RADIOS

Made and Guaranteed by Sentinel Radio Corporation



(No. 5721)

SHORT WAVE AND BROADCAST RECEIVER

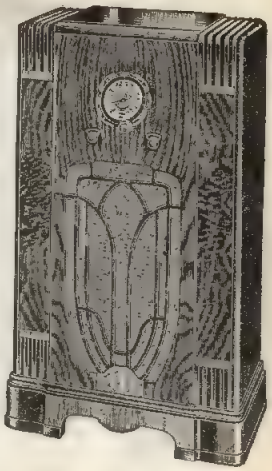
The tuning range is:

18.5 to 57 meters (1.6 to 5.2 megacycles)

175 to 555 meters (1715 to 535 kilocycles)

110 Volts—50 or 60 cycle alternating current

This Model is arranged to Tune-in the Better Foreign and American Short Wave Stations, as well as the Complete Broadcast Band, and some Police Calls.



(No. 5748)

The extreme sensitivity and selectivity are an assurance of reception of foreign stations, under favorable conditions, and of American broadcast programs with volume and clarity found only in large multiple tube sets.

The superheterodyne circuit is employed The over all sensitivity is seven to eight micro-volts absolute, and the ten kilocycle selectivity effectively separates all stations. 1.5 watts undistorted output combine with the full six-inch dynamic speaker to develop excellent tone quality and unusual volume.

A unique illuminated airplane type dial, calibrated in kilocycles and megacycles, combined with the full automatic volume control, simplifying tuning both on the broadcast and short wave band

Five R C. A Radiotron tubes are used, however, eight tube performance is obtained by the use of dual purpose tubes as follows:

One dual purpose No. 2A7 acting as modulator and oscillator.
One No. 58 first intermediate frequency stage.
One No. 2A6 in the first audio frequency stage.
One No. 2A5 in the audio frequency power stage.
One No. 80 rectifier.

TABLE MODEL

The substantially constructed cabinet has a very beautifully striped and diamond matched veneer front. The balance of the cabinet is of other attractive, highly finished veneers.

Dimensions: 16 inches high; 14 inches wide; 8½ inches deep.

		Each
No. 5721—Complete with tubes	**$42.00**	29.95

One in a Carton; Weight, 18 lbs.

CONSOLE MODEL

High grade cabinet of distinctive design. Made of selected walnut veneers Piano polished.

Dimensions: 38 inches high; 22 inches wide; 12 inches deep.

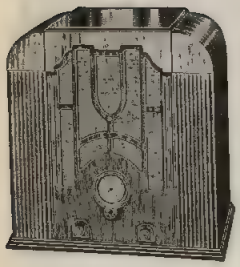
		Each
No. 5748—Complete with tubes	**$66.00**	49.50

One in a Carton; Weight, 48 lbs.

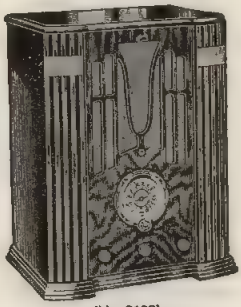
SENTINEL FARM RADIOS

Made and Guaranteed by Sentinel Radio Corporation

BATTERY OPERATED



(No. 6241)
(No. 7741)



(No. 9139)

(No. 6248)
(No. 7748)
(No. 9140)

SIX TUBE BATTERY SETS

Tunes American Broadcast Only (1715 to 560 Kilocycles)

Complete with Tubes and Batteries

A six tube superheterodyne circuit, automatic volume control, kilocycle calibrated, airplane type dial and automatic volume regulator tube. "A" battery drain is only one-half ampere and "B" battery drain is twenty milliamperes. The cabinet of modern design, is constructed of selected Walnut veneers and has a real piano finish. Ample room in cabinets for all required batteries.

Batteries Used—3 45-volt "B", 1 22½-volt "C", 1 long life dry "A" (Burgess).

Tubes Used—34, 30, 32, 33, 5E1 and 1A6.

			Each
No. 6241—Table Model—16 inches high; 18¾ inches wide and 10 inches deep.	Weight, 66 lbs.	**$53.00**	$39.50
No. 6248—Console Model—40 inches high; 23 inches wide and 12 inches deep.	Weight, 97 lbs.	**71.40**	59.50

One in a Carton

SEVEN TUBE BATTERY SETS

Tunes American Broadcast (1715 to 560 Kilocycles) and Foreign Short Wave (1807 to 57.7 Meters)

Complete with Tubes and Batteries

A seven tube superheterodyne dual band battery radio, tuning American and foreign short wave stations. Has automatic volume control, automatic voltage regulator, tone control and other modern engineering improvements. Equipped with kilocycle calibrated airplane type dial. Uses seven new type low drain tubes with class "B" amplification, giving unusual economic operation. "A" battery drain is only .620 amperes and "B" battery drain is twenty-three milliamperes. The modern type cabinets are constructed of selected Walnut veneers and finished as the finest furniture. Ample room in cabinets for all required batteries.

Batteries Used—3 45-volt "B", 1 22½-volt "C", 1 long life dry "A" (Burgess).

Tubes Used—2 No. 30, 1 No. 32, 1 No. 33, 1 No. 34, 1 No. 1C6 and 1 No. 6-1.

			Each
No. 7741—Table Model—18⅞ inches high, 18¾ inches wide and 10 inches deep.	Weight, 67 lbs.	**$65.00**	$49.50
No. 7748—Console Model—40 inches high; 23 inches wide and 12 inches deep.	Weight, 97 lbs.	**83.40**	69.50

One in a Carton

TEN TUBE ALL-WAVE BATTERY SETS

Tunes Four Bands, 15 to 550 Meters—Complete with Tubes and Batteries

A ten tube superheterodyne deluxe battery set that performs like the finest custom-built AC models. Tunes four bands, 15 to 550 meters. New low drain tubes give exceptionally economical operation. "A" battery drain is only .66 amperes and "B" battery drain 24 milliamperes. Other features are individual coils on each wave band, automatically switched duplex antenna connections, full automatic volume control, stepless tone control, a planetary drive, time indicating airplane dial and every possible development consistent with unexcelled radio reception. Ten Tubes 1 —1C6, 3 —34, 5—30, 1 6-1

			Each
No. 9139—Table Model—20 inches high, 15 inches wide and 12 inches deep.	Weight, 78 lbs.	**$95.40**	79.50
No. 9140—Console Model—37 inches high, 22 inches wide and 12 inches deep.	Weight 103 lbs.	**111.00**	92.50

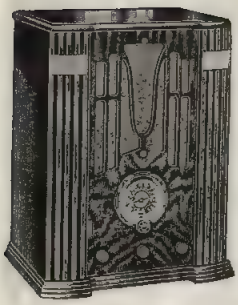
One in a Carton

SENTINEL 6-VOLT FARM RADIOS

Made and Guaranteed by Sentinel Radio Corporation

Eliminates B and C Batteries—Uses Dynamotor Power Supply

Ordinary 6-Volt Storage Battery Furnishes all Current



(Model 6753)

Most Economical of All Radios

An exclusive Sentinel development practically eliminates operating cost. The drain on the storage battery, the only power unit needed, has been reduced by Sentinel engineers to only two amperes. Battery recharging expense under normal operating conditions should cost no more than one cent per day.

Has All These Features

Six new type low drain tubes; tunes 18 to 57 and 175 to 550 meters; has full automatic volume control; illuminated, kilocycle calibrated airplane dial; 20 to 1 ratio vernier tuning control; tone control; powerful permanent magnetic speaker; perfected class "B" amplification; extreme sensitivity and selectivity and every other development for unexcelled radio performance.

Six Tubes:
One 1C6, One 19, One 15, Two 30, One 34.

(Model 6748)

Complete with Tubes Only—A Battery Not Included

		Each
No. 6753—Table Model—18 inches high; 14 inches wide and 10 inches deep. Weight, 26 lbs.	**$77.40**	59.50
No. 6748—Console Model—38 inches high, 22 inches wide and 12 inches deep. Weight, 57 lbs.	**95.40**	79.50

One in a Carton

INTERNATIONAL KADETTE FARM RADIOS

Made and Guaranteed by International Radio Corporation

BATTERY OPERATED

Ideal for the farm, cottage or camp, this highly sensitive and selective five-tube superheterodyne; No "C" battery and only two "B" batteries are used, new orthovox speaker—also latest airplane-type dial; all housed in beautiful inlaid cabinet that accommodates entire battery equipment.

Chassis—Five-tube superheterodyne tuning from 1700 to 550 kilocycles or 175 to 545 meters; complete broadcast band and upper police bands, large airplane-type vernier dial with tone and volume controls.

Tubes Used—One each Type 1A6, 32, 33 and two Type 30; two volts on Filaments and only 90 volts on plates, self-Biased.

Batteries—Operate from either Eveready Air Cell, Burgess or Rayovac "A" Pack or any 2-volt storage battery; uses one "A" battery and two 45-volt "B" batteries.

Speaker—New Utah Orthovox double magnetic 6¾-inch speaker.

Cabinet—Beautiful two-toned diagonal-striped walnut front panel, with inlaid marquetry; 17½ inches high; 13¼ inches wide; 9¾ inches deep, accommodates two heavy duty 45-volt "B" batteries and any of the "A" packs similar to Burgess No. 1040.

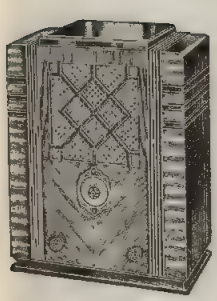
		Each
No. 70—Complete with tubes only; no batteries furnished with set, Weight each, 20 lbs.	**$37.50**	29.95

One in a Carton

SENTINEL ELECTRIC FARM RADIOS

Made and Guaranteed by Sentinel Radio Corporation

32-VOLT ELECTRIC SETS



(No. 5646)

For Use on Delco Systems—
Simply Plug into the Electric Lamp Socket—
No Batteries Required

Tunes American Broadcast Only
(175-550 Meters)

Cannot be Used on 110-Volt Circuits

(No. 5648)

FIVE TUBE SET

A five tube superheterodyne, with built-in power supply for operation with thirty-two volt farm lighting plants NO BATTERIES REQUIRED. Incorporates such refinements as full automatic volume control, tone control, illuminated, kilocycle calibrated dial. An electro-dynamic speaker provides unmatched tone quality. Tunes 175 to 550 meters Current drain is only thirty-five watts. Considerably less than the average light bulb The cabinet is one of the most beautiful of its type ever designed Its combination of striped and diamond matched walnut veneers harmonize with the mahogany over-lay and distinctive modernistic design to produce a sensationally attractive effect.

Tubes Used—6A7, 6D6, 75, 38, 84.

TABLE MODEL

Beautiful cabinet in combination of striped and diamond matched walnut veneers to harmonize with mahogany overlay—Modernistic design.

Dimensions: 16 inches high; 14 inches wide and 8 inches deep.

		Each
No. 5646—Complete with tubes	**$53.00**	39.50

One in a Carton; Weight, 19 lbs.

CONSOLE MODEL

High grade cabinet of distinctive design. Made of selected walnut veneers. Piano polished.

Dimensions: 38 inches high; 22 inches wide and 12 inches deep.

		Each
No. 5648—Complete with tubes	**$79.40**	59.50

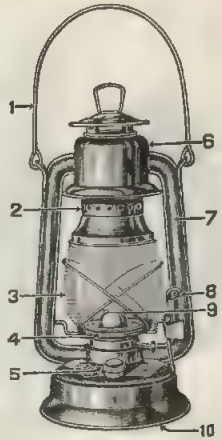
One in a Carton; Weight, 56 lbs.

LANTERNS

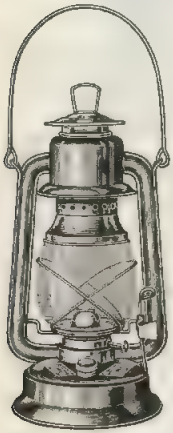
*SHAPLEIGH'S NOBLEIGH DIAMOND

TRADE MARK REG. IN THE U. S. PAT. OFFICE

1. Automatic Standing Bail, Always Upright Ready at Hand.
2. New Improved Combustion with **Balanced Air Control.** Bright Steady Flame Stays Lit, No Matter What the Weather.
3. Standard Size Globe. Protected By Wire Guards which Prevent Falling Out When Tipped Back.
4. Rising Cone Burner, a Universally Approved Feature. The Cone, when Built Into Globe Holder, Raises the Globe, Exposing Wick for Easy Trimming and Lighting.
5. Large Filler Easily Accessible.



6. Solid All-Weather Dome. Excludes Rain and Dirt.
7. All Parts, Carefully Made and Inspected, Combine into Finished Product of Handsome Appearance. Utility Meets Good Looks in All Supreme Lanterns.
8. Strong Lift Lever Operates Smoothly in Lug with Rounded Bearing Surface. Positive Locking Catch Holds Globe Securely in Raised Position for Lighting.
9. Wick of Highest Quality.
10. Rust-Resisting Terne Bottom, Double-Seamed to Oil Font.



COLD BLAST

Large Size; Short Globe

Bright Tinned Frame; Rustless Terne Bottom; No. 2 Burner with 1-inch Wick Inserted; Short Globe, No. NSI; Height with Bail and Ring Down, 14½ inches.

One-Quart Fount

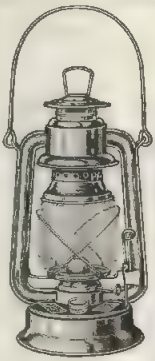
Burns 45 Hours

With Mammoth Fount

Per Dozen

No. ND160 — Diameter of Base, 7⅝ inches; Weight per Dozen, 38 lbs.....$30 00

Half Dozen in a Carton



COLD BLAST

Small Size; Short Globe

Reinforced Steel, Tinned and Retinned; Cold Blast Burner, No. 0; ⅝-inch Wick; Junior Short Globe No. LW; Height, with Ring and Bail Down, 11¾ inches.

One-Pint Fount

Burns 30 Hours

Per Dozen

No. ND120—Weight per Dozen, 25 lbs. $22 80

One Dozen in a Carton

COLD BLAST

Small Size; Short Globe

Reinforced Steel, Tinned and Retinned; Cold Blast Burner, No. 0; ⅝-inch Wick; Junior Short Globe No. LW; Height, with Ring and Bail Down, 11¾ inches.

One-Quart Fount

Burns 70 Hours

With Mammoth Fount

Per Dozen

No. ND350—Weight per Dozen, 30 lbs.. $27 60

Half Dozen in a Carton

LANTERNS

*SHAPLEIGH'S NORTHERN DIAMOND

LANTERN GLOBES

SHORT PATTERN

For Cold Blast Lanterns

Height, 4½ inches; Diameter at Top, 4 inches; Diameter at Bottom, 3⅜ inches.

Per Case

No. NS5—Clear; Weight per Case, 49 lbs. **$16.50**
Five Dozen in a Case

Per Dozen

No. NS1—Clear; Weight per Dozen, 10 lbs. **$4.00**
One Dozen in a Carton

Ruby Color; Color Burnt Into Glass

Per Case

No. NSR5—Red; Weight per Case, 41 lbs. **$30.00**
Five Dozen in a Case

Per Dozen

No. NSR1—Red; Weight per Case, 10 lbs. **$7.20**
One Dozen in a Case

FOR JUNIOR LANTERN

This Globe Suitable for our No. 120 and 230 Lantern, also Dietz Little Wizard and Emberg Little Supreme.

Size, 3¼ inches High; Top, 3⅛ inches Wide; Bottom, 3¼ inches Wide.

Per Dozen

No. LW—Clear; Weight per Case, 6 lbs. **$4.00**
One Dozen in a Case

Ruby Color
Color Burnt In Glass

Size, 3¼ inches High; Top, 3⅛ inches Wide; Bottom, 2¾ inches Wide.

Per Dozen

No. LWR—Red; Weight per Case, 30 lbs. **$7.20**
Five Dozen in a Case

RAILROAD

Height, 5½ inches; Diameter at Bottom, 3¼ inches; Top, 2½ inches.

Per Case

No. 395—Clear; Weight per Case, 50 lbs. **$23.00**
Five Dozen in a Case

Per Dozen

No. 39—Clear; Weight per Case, 10 lbs. **$5.50**
One Dozen in a Case

JUNIOR COLD BLAST

Height, 5 1/16 inches; Diameter at Bottom, 2 11/16 inches; at Top, 2 1/16 inches.

Per Case

No. JCB5—Clear; Weight per Case,

ROAD TORCHES

STORM KING

3-quart Capacity

The Storm King Bomb Shell Torches are 8 inches High, 7¼ inches Wide; Equipped with New Easy On and Off Cap; Flame Guard and Wick Holder Made in One-Piece, has High Handle for Easy Carrying; Weighted Bottom, Won't Tip Over; Equipped with Non-Blow Out Burners.

Per Dozen

No. 101—Weight per Dozen, 80 lbs. **$27.60**
Half Dozen in a Carton

HIGHWAY FLARE TORCHES

DIETZ

FOR MOTOR VEHICLES
(Bottom Not Weighted)

Designed to Comply with the Law in States Requiring that TWO Road Torches be Carried by Motor Trucks and Busses for Use in Event of Break-down on the Road.

The Motor Vehicle Laws of Certain States Require that Two Torches of this Type be Carried on Motor Trucks and Busses. In the Event of Stalling on the Right-of-Way, a Lighted Torch is Placed on the Road Both Ahead and Behind the Vehicle for Protection of Other Traffic.

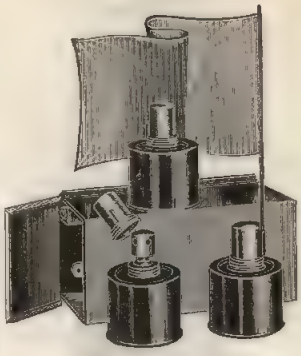
Made of a Height, so that a Pair Can Readily be Carried Under the Driver's Seat.

Hemispherical Shape, Unweighted; Capacity, 55 Fluid Ounces (1¾ qts.); Burns Kerosene or Light Fuel Oil for More than 15 Hours with One Filling; Height, 4¾ inches; Diameter, 7¾ inches; Burner, All-Weather, with Rain Shield; ⅞-inch Round Wick; Red Enameled Finish.

Per Dozen

No. 55—Weight per Dozen, 36 lbs. **$22.00**
Sixth Dozen in a Carton

HIGHWAY FLARE TORCHES



Truck Flares, with Flags; Designed Specifically for Truck Purposes; they are Completely Machine Made of Heavy Gauge Steel without Soldering or Brazing; 11 to 14 Hours Burning Time; Snuffer Cap to Extinguish Flame; Large ¾-inch Wick; Windproof and Rainproof Generating Hood.

Set of 3 Lamps with Snuffer Caps and 2 Flares in Steel Carrying Case.

Per Set

No. S32—Weight per Set, 8 lbs. **$7.20**
Four Sets in a Carton

SHAPLEIGH'S POINTERS

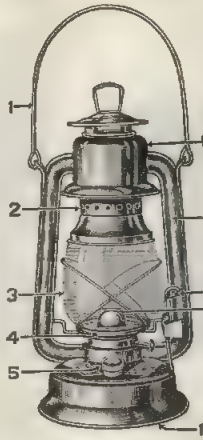
Road Torches and Flares
are carefully illustrated and described
for the express purpose
of
enabling any SHAPLEIGH'S Dealer
to
sell from this Catalog—
Mail Order Department
Handles such Orders

LANTERNS

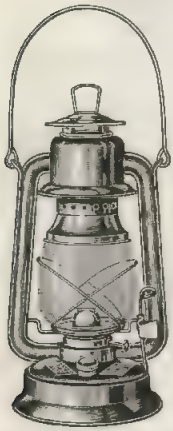
*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

1. Automatic Standing Bail, Always Upright Ready at Hand.
2. New Improved Combustion with **Balanced Air Control.** Bright Steady Flame Stays Lit, No Matter What the Weather.
3. Standard Size Globe. Protected By Wire Guards which Prevent Falling Out When Tipped Back.
4. Rising Cone Burner, a Universally Approved Feature. The Cone, when Built Into Globe Holder, Raises the Globe, Exposing Wick for Easy Trimming and Lighting.
5. Large Filler Easily Accessible.



6. Solid All-Weather Dome. Excludes Rain and Dirt.
7. All Parts, Carefully Made and Inspected, Combine into Finished Product of Handsome Appearance. Utility Meets Good Looks in All Supreme Lanterns.
8. Strong Lift Lever Operates Smoothly in Lug with Rounded Bearing Surface. Positive Locking Catch Holds Globe Securely in Raised Position for Lighting.
9. Wick of Highest Quality.
10. Rust-Resisting Terne Bottom, Double-Seamed to Oil Font.



COLD BLAST

Large Size; Short Globe

Bright Tinned Frame; Rustless Terne Bottom; No. 2 Burner with 1-inch Wick Inserted; Short Globe, No. NSI; Height with Bail and Ring Down, 14½ inches.

One-Quart Fount

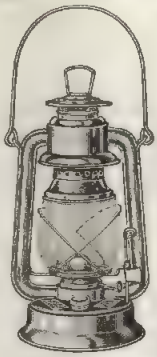
Burns 45 Hours

With Mammoth Fount

Per Dozen

No. **ND160** — Diameter of Base, 7⅝ inches; Weight per Dozen, 38 lbs.....**$30.00**

Half Dozen in a Carton



COLD BLAST

Small Size; Short Globe

Reinforced Steel, Tinned and Retinned; Cold Blast Burner, No. 0; ⅝-inch Wick; Junior Short Globe No. LW; Height, with Ring and Bail Down, 11¾ inches.

One-Pint Fount

Burns 30 Hours

Per Dozen

No. **ND120**—Weight per Dozen, 25 lbs. **$22 80**

One Dozen in a Carton

COLD BLAST

Small Size; Short Globe

Reinforced Steel, Tinned and Retinned; Cold Blast Burner, No. 0; ⅝-inch Wick; Junior Short Globe No. LW; Height, with Ring and Bail Down, 11¾ inches.

One-Quart Fount

Burns 70 Hours

With Mammoth Fount

Per Dozen

No. **ND350**—Weight per Dozen, 30 lbs. **$27 60**

Half Dozen in a Carton

LANTERNS

*SHAPLEIGH'S NORLEIGH DIAMOND

TRADE MARK REG. IN THE U. S. PAT. OFFICE

COLD BLAST

Long Globe

Reinforced Steel, Tinned and Retinned; Cold Blast Burner No. 2, with 1-inch Wick Inserted; Long Cold Blast Globe No. 2CB; Large Mouth Oil Hole; Standing Plain Wire Bail; Height with Bail and Ring Down, 15¼ inches.

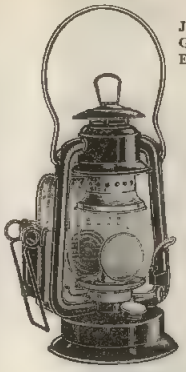
One-Quart Fount

Burns 45 Hours

Per Dozen

No. ND100—Weight per Dozen, 40 lbs. . **$30.00**

Half Dozen in a Carton



COLD BLAST

Junior, Short Globe; Black Enameled Frame

Designed Especially for Business Vehicles; Shows a Clear White Light in Front and a Red Warning in the Rear; Height with Ring and Bail Down 11¾ inches; Fitted with No. 1 Cold Blast Burner for ⅝-inch Wick; No LW Cold Blast Globe; Polished Corrugated Reflector; with 2½-inch Ruby Lens Framed in its Center.

One Pint Fount

Burns 30 Hours

Each Lamp Furnished Complete with Strong Metal Bracket, for Use on Left Side of Vehicle.

Per Dozen

No. ND120V—Weight per Dozen, 40 lbs **$40 00**

Half Dozen in a Carton

HOT BLAST

Reinforced Steel; Tinned and Retinned and Lacquered; Burner No. 0, with ⅝-inch Wick Inserted; Tubular Globes No. 0; Height with Bail Down, 13¾ inches.

One Pint Fount

Burns 30 Hours

Per Dozen

No. ND48/0—Weight per Dozen, 27 lbs. . **$18 80**

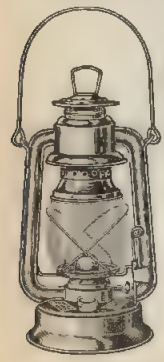
One Dozen in a Carton

CONTRACTORS LANTERNS

*SHAPLEIGH'S NORLEIGH DIAMOND

TRADE MARK REG. IN THE U. S. PAT. OFFICE

All SHAPLEIGH'S *NORLEIGH DIAMOND Contractors Lanterns are Designed for Ease and Speed of Operation. The Rising Cone Burner Principle Embodied in our Lanterns Makes the Wick Easy to Trim and Light. By Simply Raising the Globe the Burner is Directly Accessible. Their Domes are Solid with No Perforations to Admit Dust or Water.



COLD BLAST

Junior Short Globe

Reinforced Steel, Tinned and Retinned; Cold Blast Burner, No. 0; ⅝-inch Wick; Junior Short Globe; Height, 11¾ inches.

Fitted With Genuine Ruby Globes

One Pint Fount

Burns 30 Hours

Per Dozen

No. ND120R—Weight per Dozen, 25 lbs. **$26 40**

One Dozen in a Carton

COLD BLAST

Junior Short Globe

Reinforced Steel, Tinned and Retinned; Cold Blast Burner, No. 0; ⅝-inch Wick; Junior Short Globe; Height, 11¾ inches.

Fitted With Genuine Ruby Globes

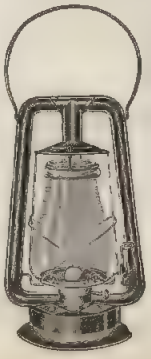
One Quart Fount

Burns 70 Hours

Per Dozen

No. ND350R Weight per Dozen, 30 lbs **$32 40**

Half Dozen in a Carton



HOT BLAST

Reinforced Steel; Tinned and Retinned and Lacquered; Burner No. 0, with ⅝-inch Wick Inserted; Plain Wire Bail (Not Standing); Height with Bail Down, 13¼ inches.

Fitted With Genuine Ruby Globes

One Pint Fount

Burns 30 Hours

Per Dozen

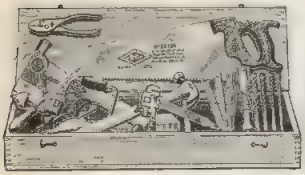
No. ND45/0R—Weight per Dozen, 27 lbs. **$24.00**

One Dozen in a Carton

TOOL SETS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE



Plain Finished, Dovetailed Whitewood Case; Hinged Lid; Brass Plated Steel Hinges and Brass Hooks and Eyes; Stenciled.

Dimensions of Case

Outside, 27 inches Long; 8¼ inches Wide; 4 inches Deep.

Contents of Case

1 DIAMOND EDGE Hand Saw No. DE150—22 inch.
1 DIAMOND EDGE Nail Hammer No. DE212.
1 DIAMOND EDGE Half Hatchet No. DH1.
1 DIAMOND EDGE Bevel Pocket Chisel No. DEBP1.
1 DIAMOND EDGE Mill File 8 inch with No. 2 Handle.
1 DIAMOND EDGE Slim Taper File 5½ inch with No. 2 Handle.
1 DIAMOND EDGE Combination Plier No. DEX6.
1 DIAMOND EDGE Wrench No. DEW8
1 DIAMOND EDGE Auger Bit No. DE100—¼ inch.
1 DIAMOND EDGE Auger Bit No. DE100—⅜ inch.
1 DIAMOND EDGE Auger Bit No. DE100—½ inch.
1 DIAMOND EDGE Auger Bit No. DE100—⅝ inch.
1 DIAMOND EDGE Block Plane No. DE110.
1 DIAMOND EDGE Oil Stone No. DE6.
1 NORLEIGH DIAMOND Ratchet Bit Brace No. NDR8.
1 SHAPLEIGH'S Folding Rule No. S6.

Per Set

No. DE100—Complete, with 16 Tools; Weight of Case, with Tools, 15¾ lbs.; Crated, 20 lbs. **$25.00**

One Set in a Box

SHAPLEIGH'S

REG. IN THE ★ Bridge U. S. PAT. OFFICE

Plain Finished, Dovetailed Whitewood Case; Stenciled Hinged Lid; Brass Plated Steel Hinges and Hooks and Eyes.

Dimensions of Case

Outside, 27 inches Long; 8½ inches Wide; 4 inches Deep

Contents of Case: 16 High Grade Tools

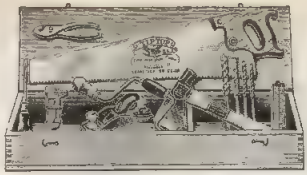
1 BRIDGE Half Hatchet No. BH1.
1 BRIDGE Nail Hammer No. B12.
1 BRIDGE Hand Saw No. B225; 22 inch.
1 BRIDGE Ratchet Bit Brace No. B80.
1 BRIDGE Combination Plier No. BN6.
1 BRIDGE Auger Bit No. B100; ¼ inch.
1 BRIDGE Auger Bit No. B100; ⅜ inch.
1 BRIDGE Auger Bit No. B100; ½ inch.
1 BRIDGE Auger Bit No. B100; ¾ inch.
1 BRIDGE Auger Bit No. B100; 1 inch.
1 BRIDGE Smooth Plane No. BX2.
1 BRIDGE Bevel Pocket Chisel No. BBP¾.
1 BRIDGE Screw Driver No. BR5.
1 BRIDGE Oil Stone No B6.
1 Wood Level No. 700–12 inch,
1 SHAPLEIGH'S SUCCESS Carpenter's Pencil No. 57.
1 Zig Zag Rule No. 450.
1 Pipe Wrench No. DS8.

Per Set

No. B15—Complete, with 16 Tools; Weight of Case, with Tools, 15½ lbs. **$23.70**

One Set in a Box

TOOL SETS



SHAPLEIGH'S

★TIP TOP

(REGISTERED)

Plain Finished, Dovetailed Whitewood Case; Hinged Lid with Hook and Eye Fasteners.

Dimensions of Case

Outside, 27 inches Long; 8¼ inches Wide; 4 inches Deep

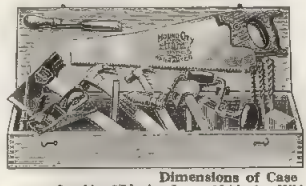
Contents of Case

1 **TIP TOP** Panel Saw No. 210; 22 inch.
1 **MOUND CITY** Bit Brace No. MC110.
4 **BRIDGE** Auger Bit No. B100; Sizes ¼, ⅜, ½ and ¾ inch.
1 **MOUND CITY** Half Hatchet No. MBH1.
1 **MOUND CITY** Screw Driver No. MC5.
1 Pipe Wrench No. DS8. 1 Folding Rule No. 450.
1 **BRIDGE** Block Plane No. BX110.
1 Combination Plier No. T6.

Per Set

No. T10—Complete, with 12 Tools; Weight of Case, with Tools, 14½ lbs. **$11 90**

One Set in a Box



SHAPLEIGH'S

★MOUND CITY

TRADE MARK

(REGISTERED)

Plain Finished Dovetailed Whitewood Case, Hinged Lid with Hook and Eye Fasteners.

Dimensions of Case

Outside, 27 inches Long; 8¼ inches Wide; 4 inches Deep

Contents of Case

1 **MOUND CITY** Half Hatchet No. MBH1.
1 **MOUND CITY** Nail Hammer No. MC12.
1 **MOUND CITY** Hand Saw No. MC100; 20 inch.
1 **MOUND CITY** Ratchet Brace No. MC110.
1 **MOUND CITY** Screw Driver No. MC4.
3 **BRIDGE** Auger Bit No. B100; Sizes ¾, ½ and ⅝ inch.
1 Folding Rule No. 574.
1 **BRIDGE** Block Plane No. 1247
1 **STANLEY** Marking Gauge No. 61.
1 **BRIDGE** Bevel Chisel No. BBP¾.
1 **BRIDGE** Scratch Awl No. B10.
1 SHAPLEIGH'S SUCCESS Carpenter's Pencil No. 57.

Per Set

No. MC50—Complete, with 13 Tools, Nails and Chalk; Weight of Case, with Tools, 15½ lbs. **$12.70**

One Set in a Box

SHAPLEIGH'S

★MOUND CITY

TRADE MARK

(REGISTERED)

Plain Finished Dovetailed Whitewood Case; Hinged Lid with Hook and Eye Fasteners.

Dimensions of Case

Outside, 27 inches Long; 8¼ inches Wide 4 inches Deep

Contents of Case

1 **MOUND CITY** Half Hatchet No. MBH1.
1 **MOUND CITY** Nail Hammer No. MC12.
1 **MOUND CITY** Screw Driver No. MC4.
1 **MOUND CITY** Panel Saw No. MC100; 20 inch.
1 **MOUND CITY** Bit Brace No. MC110.
1 **BRIDGE** Scratch Awl No. B10.
3 **BRIDGE** Auger Bit No. B100. Sizes ¼, ½ and ⅝ inch
1 **BRIDGE** Bevel Pocket Chisel No. BBP¾.

Per Set

No. MC25—Complete, with 10 Tools and Nails; Weight of Case, with Tools, 13¼ lbs. **$11.00**

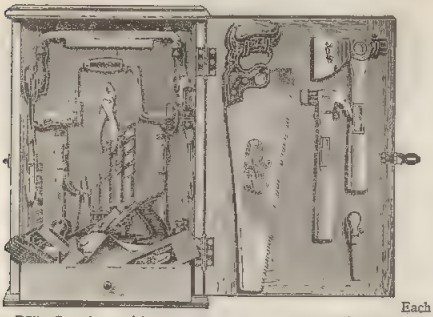
One Set in a Box

TOOL CABINETS

SHAPLEIGH'S REG. IN THE BRIDGE TRADE MARK U. S. PAT. OFFICE

SHAPLEIGH'S BRIDGE Wall Tool Cabinet is Made of Specially Selected Oak; Varnished Golden Oak Finish. Has Paneled Door, Brass Plated Hinges and Hasp; Padlock with Two Keys; Inside Drawer; Workmanship and Finish is First Class.

SHAPLEIGH'S REG. IN THE BRIDGE TRADE MARK U. S. PAT. OFFICE

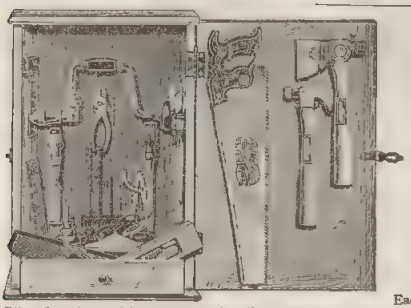


Each

No. B75—Complete, with 23 Tools and 1 Oil Can; Weight of Cabinet with Tools, 44½ lbs.; Crated, 52 lbs **$54 00**
One in a Crate

Dimensions of Cabinet
Outside—27½ inches High; 19 inches Wide; 8½ inches Deep.
Inside—26 inches High; 17 inches Wide and 7 inches Deep; Drawer 3 inches Deep.

Contents of Cabinet; 23 High Grade Tools
1 **BRIDGE** Hand Saw No. B225; 20 inch.
1 **BRIDGE** Half Hatchet No. BH2.
1 **BRIDGE** Nail Hammer No. B11½.
1 **BRIDGE** Combination Plier No. BN6.
1 **BRIDGE** Ratchet Bit Brace No. BN100.
1 **BRIDGE** Auger Bit No. B100; ⅜ inch.
1 **BRIDGE** Auger Bit No. B100; ½ inch.
1 **BRIDGE** Auger Bit No. B100; ¾ inch.
1 **BRIDGE** Screw Driver Bit No. B15.
1 **BRIDGE** Jack Plane No. BX6.
1 **BRIDGE** Screw Driver No. BR5.
1 **BRIDGE** Mill File, 8 inch, with No. 2 Handle.
1 **BRIDGE** Bevel Pocket Chisel No. BBP½.
1 **BRIDGE** Bevel Pocket Chisel No. BBP¾.
1 **BRIDGE** Scratch Awl No. B10.
1 **BRIDGE** Oil Stone No. B6.
1 **BRIDGE** Tinner Snips No. B8½.
1 Standard Cabinet Scraper No. 1; 3x5.
1 Stanley Try Square No. 20; 6 inch.
1 Standard Wing Divider No. 1; 6 inch.
1 Wood Marking Gauge No. 62. 1 Oiler No. CO.
1 **BRIDGE** Drawing Knife No. B8. 1 SHAPLEIGH'S Folding Rule No. S6.



Each

No. B50—Complete, with 19 Tools and 1 Oil Can; Weight with Tools, 34 lbs.; Crated, 40 lbs..... **$42.50**
One in a Crate

Dimensions of Cabinet
Outside—27½ inches High, 19 inches Wide, 8½ inches Deep.
Inside—26 inches High, 17 inches Wide, 7 inches Deep.
Drawer—3 inches Deep.

Contents of Cabinet; 19 High Grade Tools
1 **BRIDGE** Hand Saw No. B225; 18 inch.
1 **BRIDGE** Half Hatchet No. BH1.
1 **BRIDGE** Nail Hammer No. B12.
1 **BRIDGE** Ratchet Brace No. BN100.
1 **BRIDGE** Screw Driver No. BR5.
1 **BRIDGE** Mill File, 8 inch, with No. 2 Handle.
1 **BRIDGE** Slim Taper File, 5½ inches, with No. 2 Handle.
1 **BRIDGE** Auger Bit No. B100; ⅜ inch.
1 **BRIDGE** Auger Bit No. B100; ½ inch.
1 German Pattern Gimlet Bit No. 22A; ½ inch.
1 Standard Nail Set No. M102.
1 **BRIDGE** Beveled Pocket Chisel No. BBP¾.
1 Stanley Try Square No. 20; 6 inch.
1 Standard Wood Level No. 700–12 inch.
1 SHAPLEIGH'S Folding Rule No. S6.
1 **BRIDGE** Combination Plier No. BN6.
1 **BRIDGE** Block Plane No. BX110.
1 **BRIDGE** Oil Stone No. B6.
1 Standard Wing Divider No. 1; 6 inch.
1 Oiler No. CO.

TOOL SETS

SHAPLEIGH'S *DIAMOND EDGE TRADE MARK REGISTERED IN THE U. S. PAT. OFFICE

Case is Made of Selected Oak, Varnished Golden Oak Finish, Hinged Lid; Fancy Brass Plated Steel Hinges and Hasp; Padlock with Two Keys

SHAPLEIGH'S *DIAMOND EDGE TRADE MARK REGISTERED IN THE U. S. PAT. OFFICE

Dimensions of Case
Outside—27¼ inches Long, 8⅝ inches Wide, 4¼ inches Deep.
Inside—26⅜ inches Long, 8 inches Wide, 3½ inches Deep.

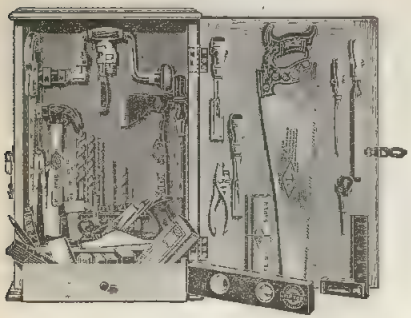
Per Set

No. DE135—Complete, with 17 Tools and Other Accessory Articles; Weight of Case, with Tools, 18¼ lbs.; Crated, 23 lbs.....**$34 50**
One in a Crate

Contents of Case
1 *DIAMOND EDGE* Nail Hammer No. DE512.
1 *DIAMOND EDGE* Half Hatchet No. DH1.
1 *DIAMOND EDGE* Hand Saw No. DE150; 22 inch.
1 *DIAMOND EDGE* Auger Bit No. DE100; ¼ inch.
1 *DIAMOND EDGE* Auger Bit No. DE100; ½ inch.
1 *DIAMOND EDGE* Auger Bit No. DE100; ¾ inch.
1 *DIAMOND EDGE* Bevel Pocket Chisel No. DEBP1.
1 *DIAMOND EDGE* Mill File, 8 inch, with No. 2 Handle.
1 *DIAMOND EDGE* Slim Taper File, 5½ inch, with No. 2 Handle.
1 *DIAMOND EDGE* Screw Driver No. DER5.
1 *DIAMOND EDGE* Combination Plier No. DEX6.
1 *DIAMOND EDGE* Nail Set No. DE102.
1 *DIAMOND EDGE* Pipe Wrench No. DEW8.
1 *DIAMOND EDGE* Block Plane No. DE110.
1 *DIAMOND EDGE* Ratchet Bit Brace No. DE188.
1 *DIAMOND EDGE* Oil Stone No. DE6.
1 SHAPLEIGH'S SUCCESS Carpenters Pencil No. 57.
1 Gill Can LePage's Glue. 1 SHAPLEIGH'S Folding Rule No. S6.
2 Sheets *DIAMOND EDGE* Sand Paper, Assorted.
1 Package of Assorted Screws. 1 Oiler No. CO.
1 Package Wire Brads, ¼ lb. Papers 1½x20.
1 Package Wire Brads, ¼ lb. Papers 1x17.

TOOL CABINETS

★SHAPLEIGH'S DIAMOND EDGE
TRADE MARK REG. IN THE U. S. PAT. OFFICE



SHAPLEIGH'S *DIAMOND EDGE* Wall Tool Cabinet is Made of Specially Selected Oak; Golden Oak Finish, Varnished; Paneled Door, Brass Plated Hinges and Hasp; Padlock, with Two Keys; Inside Drawer; Work manship and Finish is First Class.

Dimensions of Cabinet

Outside—27½ inches High; 19 inches Wide; 8½ inches Deep.
Inside—26 inches High; 17 inches Wide; 7 inches Deep.
Drawer—3 inches Deep

Contents of Cabinet

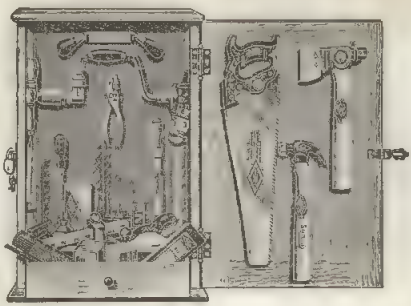
1 *DIAMOND EDGE* Panel Saw No. DE150; 20 inch.
1 *DIAMOND EDGE* Compass Saw No. DE110; 12 inch.
1 *DIAMOND EDGE* Nail Hammer No. DE512.
1 *DIAMOND EDGE* Half Hatchet No. DEH1.
1 *DIAMOND EDGE* Auger Bit No. DE100; ¾ inch.
1 *DIAMOND EDGE* Auger Bit No. DE100; ½ inch.
1 *DIAMOND EDGE* Auger Bit No. DE100; ⅜ inch.
1 *DIAMOND EDGE* Beveled Pocket Chisel No. DEBP; ½ inch.
1 *DIAMOND EDGE* Beveled Pocket Chisel No. DEBP; 1 inch.
1 *DIAMOND EDGE* Gimlet Bit No. DG; 5/16 inch.
1 *DIAMOND EDGE* Drill Bit No. DE108; 5/16 inch
1 *DIAMOND EDGE* Mounted Oil Stone No. DEM6.
1 *DIAMOND EDGE* Mill File, 8 inch, with No. 2 Handle.
1 *DIAMOND EDGE* Slim Taper File, 5½ inch, with No. 2 Handle.
1 *DIAMOND EDGE* Nail Set No. DE102.
1 *DIAMOND EDGE* Combination Plier No. DEX6.
1 *DIAMOND EDGE* Cabinet Scraper No. DEC5; 3x5.
1 *DIAMOND EDGE* Screw Driver No. DER6.
1 *DIAMOND EDGE* Scratch Awl No. DER4.
1 *DIAMOND EDGE* Smooth Plane No. DE3.
1 *DIAMOND EDGE* Ratchet Bit Brace No. DE188.
1 *DIAMOND EDGE* Pipe Wrench No. DEW8.
4 Sheets of *DIAMOND EDGE* Sand Paper, Assorted.
1 SHAPLEIGH'S SUCCESS Carpenter's Pencil No 57.
1 Stanley Try Square No. 20; 6 inch.
1 Standard Wing Divider No. 1; 6 inch.
1 SHAPLEIGH'S TIP TOP No. 90; 12 inch Level.
1 Stanley Marking Gauge No. 62.
1 Gill Can LePages Glue.
1 SHAPLEIGH'S Folding Rule No S6
1 Package Wire Brads; ¼ lb. Papers; 1½x20.
1 Package Wire Brads; ¼ lb. Papers; ¾x18.
1 Package Wire Brads; ¼ lb. Papers; 1x17.
1 Package Assorted Screws.
1 Oiler No. CO.

Each

No. DE300—Complete, with 27 Tools and Other Accessory Articles; Weight of Cabinet, with Tools, 45½ lbs.; Crated, 54 lbs.... $57.00
One in a Crate

TOOL CABINETS

★SHAPLEIGH'S DIAMOND EDGE
TRADE MARK REG. IN THE U. S. PAT. OFFICE



SHAPLEIGH'S *DIAMOND EDGE* Wall Tool Cabinet is Made of Specially Selected Oak; Golden Oak Finish, Varnished; Paneled Door, Brass Plated Steel Hinges and Hasp; Padlock with Two Keys; Inside Drawer; Workmanship and Finish is First Class.

Dimensions of Cabinet

Outside—27½ inches High; 19 inches Wide; 8½ inches Deep.
Inside—26 inches High; 17 inches Wide; 7 inches Deep.
Drawer—3 inches Deep.

Contents of Cabinet

1 *DIAMOND EDGE* Hand Saw No. DE150; 18 inch.
1 *DIAMOND EDGE* Nail Hammer No. DE611½.
1 *DIAMOND EDGE* Half Hatchet No. DH1.
1 *DIAMOND EDGE* Auger Bit No. DE100; ¾ inch.
1 *DIAMOND EDGE* Auger Bit No. DE100; ½ inch
1 *DIAMOND EDGE* Drill Bit No. DE108; 5/16 inch.
1 *DIAMOND EDGE* Beveled Pocket Chisel No. DEBP1.
1 *DIAMOND EDGE* Oil Stone No. DE6.
1 *DIAMOND EDGE* Screw Driver No. DER5.
1 *DIAMOND EDGE* Mill File, 8 inch, with No. 2 Handle.
DIAMOND EDGE Slim Taper File, 5½ inch, with No. 2 Handle.
1 *DIAMOND EDGE* Nail Set No. DE102.
1 *DIAMOND EDGE* Combination Plier No. DEX6
1 *DIAMOND EDGE* Cabinet Scraper No. DEC5; 3x5
1 *DIAMOND EDGE* Block Plane No. DE110
1 *DIAMOND EDGE* Pipe Wrench No. DEW8.
1 *DIAMOND EDGE* Drawing Knife No. DE4.
NORLEIGH DIAMOND Bit Brace No. NDR8.
1 SHAPLEIGH'S Carpenter's Pencil No. 57.
1 Stanley Try Square No. 20; 6 inch.
1 SHAPLEIGH'S Folding Rule No. S6.
1 Stanley Marking Gauge No. 62.
1 Gill Can LePages Glue.
2 Sheets *DIAMOND EDGE* Sand Paper, Assorted.
1 Box Assorted Screws.
1 Package Wire Brads; ¼ lb. Papers; 1½x20.
1 Package Wire Brads; ¼ lb. Papers; 1x17.
1 Oiler No. CO.

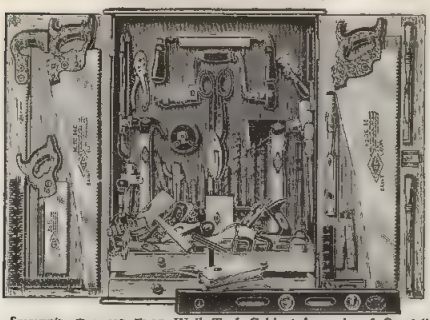
Each

No. DE200—Complete, with 20 Tools and Other Accessory Articles; Weight of Cabinet with Tools, 34 lbs.; Crated, 40 lbs.... $49.00
One in a Crate

TOOL CABINETS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE



SHAPLEIGH'S DIAMOND EDGE Wall Tool Cabinet is made of Specially Selected Oak; Golden Oak Finish, Varnished; Two Paneled Doors, with Brass Cylinder Lock and Two Steel Keys; Brass Plated Ball Top Steel Hinges; Inside Three Drawers; Workmanship and Finish is First Class.

Dimensions of Cabinet

Outside—32 inches High; 26 inches Wide; 8¾ inches Deep.
Inside—30¼ inches High; 24¼ inches Wide, 8¼ inches Deep.
Drawer—2¼ inches Deep.

Contents of Cabinet

1 DIAMOND EDGE Hand Saw No. DE131 26 inch.
1 DIAMOND EDGE Rip Saw No. DE150; 26 inch.
1 DIAMOND EDGE Back Saw No. DE125; 10 inch.
1 DIAMOND EDGE Hack Saw No. DE27.
1 DIAMOND EDGE Compass Saw No. DE110; 12 inch.
1 DIAMOND EDGE Coping Saw No. DE205.
1 DIAMOND EDGE Nail Hammer No. DE512.
1 DIAMOND EDGE Riveting Hammer No. DR0.
1 DIAMOND EDGE Half Hatchet No. DFE2.
1 DIAMOND EDGE Drawing Knife No. DE8.
1 DIAMOND EDGE Auger Bit No. DE100; 5/16 inch.
1 DIAMOND EDGE Auger bit No. DE100; 1/2 inch.
1 DIAMOND EDGE Auger Bit No. DE100; 3/4 inch.
1 DIAMOND EDGE Auger Bit No. DE100; 1 inch.
1 DIAMOND EDGE Drill Bit No. DE108; 1/16 inch.
1 DIAMOND EDGE Drill Bit No. DE108, 5/32 inch.
1 DIAMOND EDGE Nail Set No. DE102
1 DIAMOND EDGE Countersink Bit No. DE14.
1 DIAMOND EDGE Reamer Bit No. DE17.
1 DIAMOND EDGE Screw Driver Bit No. DE25; 5/16 inch.
1 DIAMOND EDGE Socket Firmer Bevel Chisel No. DEB1/4.
1 DIAMOND EDGE Socket Firmer Bevel Chisel No. DEB1/2.
1 DIAMOND EDGE Socket Firmer Bevel Chisel No. DEB1.
1 DIAMOND EDGE Mill File, 8 inch, with No. 2 Handle.
1 DIAMOND EDGE Slim Taper File, 5½ inch, with No. 2 Handle.
1 DIAMOND EDGE Half Round Cabinet File, 10 inch, with No. 2 Handle.
1 DIAMOND EDGE Mounted Oil Stone No. DEM6.
1 DIAMOND EDGE Screw Driver No. DER6.
1 DIAMOND EDGE Combination Plier No. DEX6.
1 DIAMOND EDGE Cabinet Scraper No. DEC5; 3x5.
1 DIAMOND EDGE Pipe Wrench No. DEW8.
1 DIAMOND EDGE Ratchet Bit Brace No. DE1810.
1 DIAMOND EDGE Scratch Awl No. DER4.
1 DIAMOND EDGE Jack Plane No. DE5.
1 DIAMOND EDGE Block Plane No. DE9½.
1 Pair DIAMOND EDGE Tinners Snips No. DE9.
6 Sheets of DIAMOND EDGE Sand Paper, Assorted.
1 SHAPLEIGH'S SUCCESS Carpenter's Pencil No. 57.
1 Standard Wing Divider No. 1; 6 inch.
1 SHAPLEIGH'S BLUE DIAMOND Tape Line No. BD50.
1 Standard Steel Square No. 12.
1 SHAPLEIGH'S Folding Rule No. S6.
1 SHAPLEIGH'S TIP TOP Wood Level No. 94; 24 inch.
1 Zinc Oiler No. CO. 1 Vise No. 762.
4 Packages Wire Brads; ¾ lb. Papers; ¾x18, 1½x16, ½x20 and 1x17.
1 Stanley Try Square No. 20; 6 inch.
1 Stanley Marking Gauge No. 62.
1 Pair Tool Makers Clamps No. 689N; 2¼ inch.

Each

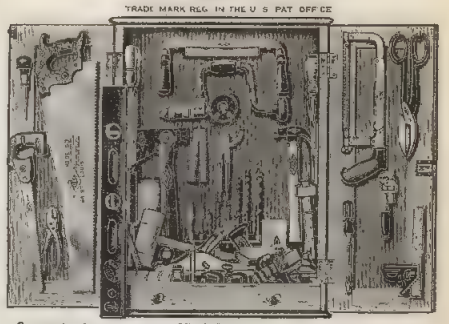
No. DE500—Complete, with 43 Tools and Other Accessory Articles; Weight of Cabinet, with Tools, 72 lbs.; Crated, 80 lbs. **$96 50**

One in a Crate

TOOL CABINETS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE



SHAPLEIGH'S DIAMOND EDGE Wall Tool Cabinet is made of Specially Selected Oak; Golden Oak Finish, Varnished; Two Paneled Doors, with Brass Cylinder Lock and Two Steel Keys; Brass Plated Ball Top Steel Hinges; Inside Drawer; Workmanship and Finish is First Class.

Dimensions of Cabinet

Outside—31 inches High; 22½ inches Wide; 7¼ inches Deep.
Inside—29½ inches High; 21 inches Wide; 7¼ inches Deep.
Drawer—3 inches Deep.

Contents of Cabinet

1 DIAMOND EDGE Hand Saw No. DE150; 24 inch.
1 DIAMOND EDGE Hack Saw No. DE27.
1 DIAMOND EDGE Compass Saw No. DE110; 12 inch.
1 DIAMOND EDGE Coping Saw No. DE110.
1 DIAMOND EDGE Nail Hammer No. DE512.
1 DIAMOND EDGE Half Hatchet No. DECS2.
1 DIAMOND EDGE Drawing Knife No. DE8.
1 DIAMOND EDGE Auger Bit No. DE100; 5/16 inch.
1 DIAMOND EDGE Auger Bit No. DE100; ½ inch.
1 DIAMOND EDGE Auger Bit No. DE100; ¾ inch.
1 DIAMOND EDGE Gimlet Bit No. DG; 5/16 inch.
1 DIAMOND EDGE Drill Bit No. DE108; 1/16 inch.
1 DIAMOND EDGE Drill Bit No. DE108; 5/32 inch.
1 DIAMOND EDGE Screw Driver Bit No. DE25-1/4.
1 DIAMOND EDGE Socket Firmer Bevel No. DEB1/4.
1 DIAMOND EDGE Socket Firmer Chisel No. DEB1.
1 DIAMOND EDGE Mill File, 8 inch, with No. 2 Handle.
1 DIAMOND EDGE Slim Taper File, 5½ inch, with No. 2 Handle.
1 DIAMOND EDGE Screw Driver No. DER5.
1 DIAMOND EDGE Combination Plier No. DEX6.
1 DIAMOND EDGE Scratch Awl No. DER4.
1 DIAMOND EDGE Nail Set No. DE102.
1 DIAMOND EDGE Bit Brace No. DE1810.
1 DIAMOND EDGE Jack Plane No. DE5.
1 DIAMOND EDGE Oil Stone Mounted No. DEM6.
1 DIAMOND EDGE Pipe Wrench No. DEW8.
6 Sheets DIAMOND EDGE Sand Paper, Assorted.
1 Pair DIAMOND EDGE Tinners Snips No. DE9.
1 SHAPLEIGH'S BLUE DIAMOND Tape Line No. BD50.
1 Lufkin Combination Square No. 21; 12 inch.
1 Standard Wing Divider No. 1; 6 inch.
1 SHAPLEIGH'S SUCCESS Carpenter's Pencil No. 57.
1 SHAPLEIGH'S Folding Rule No. S6.
1 Marking Gauge No. 62.
1 SHAPLEIGH'S TIP TOP Level No. 94; 24 inch.
1 NORLEIGH DIAMOND Mallet No. ND25.
1 One Ounce Can LePages Glue.
1 Package Wire Brads, ¼ lb. Papers; ½x20.
1 Package Wire Brads; ¼ lb. Papers; ¾x18.
1 Package Wire Brads; ½ lb. Papers; 1x17.
1 Package Wire Brads; ¼ lb. Papers; 1¼x16.
1 Zinc Oiler No. CO.
1 DIAMOND EDGE Cabinet Scraper No. DEC5/35.
1 Vise No. GG150
1 Pair Tool Makers Clamps No. 689N; 2¼ inch.

Each

No. DE400—Complete, with 36 Tools, and Other Accessory Articles; Weight of Cabinet, with Tools, 55 lbs.; Crated, 63 lbs. **$77 70**

One in a Crate

ROLLING STORE LADDERS

SUCCESS

Made to Order Only

Made in Various Styles to Fit All Kinds of Shelving; Shipped Complete, Ready to Install

Made of Hardwood Lumber, Highly Finished; Steps Dadoed into Sides and Screwed in a Most Thorough Manner; Brackets and Fixtures are Malleable Iron, Nicely Finished; These Ladders Take up Very Little Space and Run Without Noise or Friction; a Slight Push Will Propel Ladder the Length of An Ordinary Store; an Extra Wide Shelf at the Top of Each Ladder is Very Convenient in Handling Stock.

BENT LADDERS

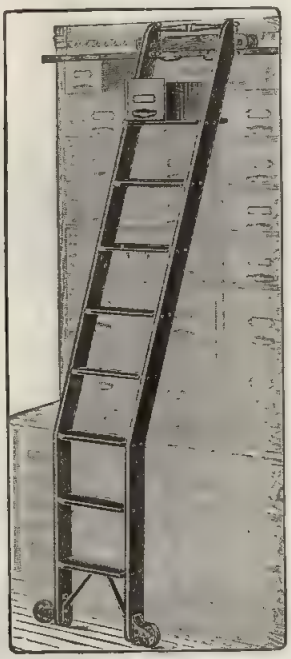
For Track Fastened to Shelving Near the Top; Short, Fork Shaped Irons, With Rubber Rollers, Run Against the Edge of Wide Base Shelf; Runs on Round Steel Track.

Each

✣**No. 101**—Width, 17½ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Complete With Fixtures; Average Shipping Weight, 50 lbs. **$30 00**

Per Foot

✣**No. 101R**—Track for Above; Weight per Foot, 1 lb **$0.50**



BENT LADDERS

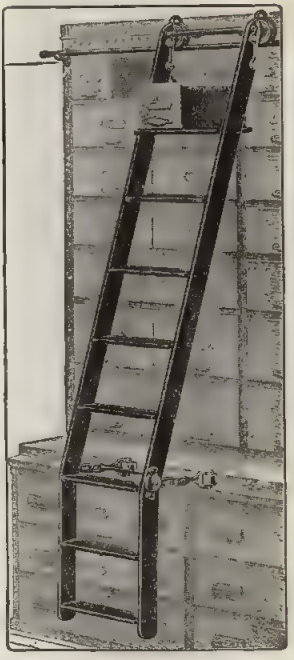
For Shelving Which is Not Substantial; Weight of Ladder and Operator Rests on the Floor; No Track is Used on Floor; Top Adjustment Allows for Uneven or Sloping Floor; Floor Rollers are Cushion Tired; Runs on Special Hardwood Track, Only to Guide Ladder.

Each

✣**No. 102**—Width, 17¼ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Average Shipping Weight, 50 lbs. **$30.00**
One in a Crate

Per Foot

✣**No. 102WT**—Track for Above; Weight per Foot, 2 lbs **$0.40**



BENT LADDERS

Runs on Track Fastened to Shelving Near the Top; Long Swinging Arms, With Rubber Rollers, Run Against the Edge of a Narrow Base Shelf; Arms are Made Any Length Necessary to Hold Ladder Out Proper Distance; Runs on Round Steel Track.

Each

✣**No. 103**—Width, 17¼ inches; 3 inch Side Pieces; 3½ inch Steps; 9 inch Top Shelf; Average Shipping Weight, 50 lbs. **$30 00**

Per Foot

✣**No. 101R**—Track for Above; Weight per Foot, 1 lb **$0 50**

TO ORDER ABOVE LADDERS

Give Height from Floor to Top of Base Shelf, Width or Projection of Base Shelf from Front Edge of Uprights, and Height from Top of Base Shelf to Top of Shelf to Which Track is to be Fastened; the Track Should be Fastened to a Shelf Between Two to Three Feet From Top of Shelving; When Ordering Ladder No. 102, Where Floor Slopes, State How Much it Slopes and State at Which End of Shelving Measurements Were Taken; if Ladders are Ordered for Odd or Irregular Shelving, it Will Greatly Assist if a Rough Sketch or End View of Shelving is Sent Us.

Items Marked ✣ Not Carried in Stock; Made to Order Only and Shipped F. O. B., St. Louis, Mo.

ROLLING STORE LADDERS

SUCCESS

Made to Order Only

STRAIGHT LADDERS

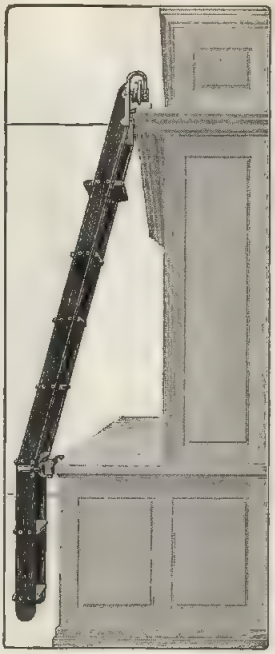
For Track Fastened to Shelving Near the Top; this Ladder has Long Swinging Arms Attached and is for Use on Shelving with a Very Narrow or no Base Shelf, the Arms Holding the Lower End Out the Proper Distance for Convenient Climbing; the Arms are Made from 10 to 20 Inches Long, and Have Rubber Rollers at the Ends Which Run Against the Ledge; If Ladder is to Hang Out Less than 10 inches, Stationary Arms are Used, Same as on the No. 1 Ladder on Previous Page; When Not in Use, the Swinging Arms Fold Out of the Way; When Ladder is to be Used, the Arms Swing into Place Automatically; Runs on Round Steel Track.

Each

✣**No. 104**—Width, 17¼ inches; 3 inch Side Pieces; 3 ½ inch Steps; 9 inch Top Shelf; Complete with Fixtures; Average Shipping Weight, 50 lbs. **$28.00**

Per Foot

✣**No. 101R**—Track for Above; Weight per Foot, 1 lb. **$0.50**



BENT LADDERS

For Flat Hardwood Track, Which is Screwed on Top of Original Low Shelving Which has Been Extended to the Ceiling; Fork Shaped Irons, with Rubber Rollers to Run Against Edge of Wide Base Shelf, are Attached Near Lower End of Ladder; Irons are Made Any Length Necessary to Hold Lower End of Ladder Out the Proper Distance for Convenient Climbing; the Hardwood Track is Dry Hard Maple and the Ladder Runs Noiselesaly and Easily on it; the Track Will Last a Life Time.

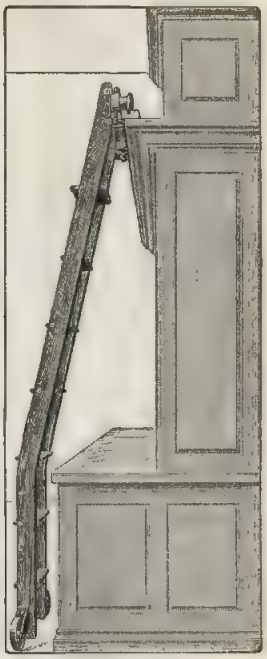
Each

✣**No. 110**—Width, 17¼ inches; 3 inch Side Pieces; 3 ½ inch Steps; 9 inch Top Shelf; Complete with Fixtures; Average Shipping Weight, 50 lbs. **$30.00**

One in a Crate

Per Foot

✣**No. 110T**—Track for Above; Weight per Foot, 2 lbs. **$0.40**



BENT LADDERS

For Flat Hardwood Track, Which is Screwed on Top of Original Low Shelving Which Has Been Extended to the Ceiling; it Has Cushion Tired Wheels at the Lower End Which Run on the Floor; no Track is Used on the Floor; the Wheels at the Top Slide Up and Down to Allow Ladder to Adjust Itself to Uneven Floors; the Lower End of Ladder May be Set in Close to Shelving, Out of the Way, when Not in Use; Can be Used on Shelving, With or Without a Base Shelf.

Each

✣**No. 113**—Width, 17¼ inches; 3 inch Side Pieces; 3 ½ inch Steps; 9 inch Top Shelf; Complete with Fixtures; Average Shipping Weight, 50 lbs. **$30.00**

Per Foot

✣**No. 113T**—Track for Above; Weight per Foot, 1 lb. **$0.40**

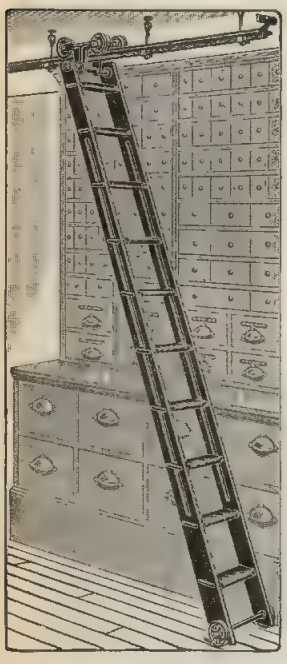
To Order Ladder No. 104—Give Exact Height from Floor to Top of Base Shelf, the Exact Width or Projection of Base Shelf, the Exact Height from Top of Base Shelf to the Top of Which Track is to be Fastened; Track Should be Fastened to a Shelf Between Two to Three feet Down from the Top.

To Order Ladders Nos. 110 and 113—Give Exact Height from the Floor to Top of Base Shelf, the Exact Width or Projection of Base Shelf and the Exact Height from Top of Base Shelf to Top of Shelving or Cornice, on Top of Which Track is to be Fastened, Also State How Far Cornice of Shelving, on Top of Which Track is to be Fastened, Projects Out Over Lower Part of Shelving.

Items Marked ✣ Not Carried in Stock; Made to Order Only and Shipped F.O.B., St. Louis, Mo.

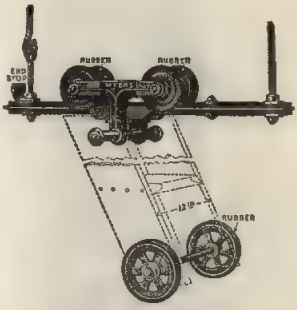
STORE LADDERS

MYERS



TROLLEY OR CEILING

Ladder is Made of Clear Georgia Pine, Filled and Varnished; Open Panel Sides 5 inches Wide; Steps 5 inches Wide; Width of Ladder 12 inches; Each Step is Supported at Each End With a Malleable Iron Dowel Tee, Which Makes an Extra Strong Construction; The Trolley is Self Adjusting; Fitted With 3 inch Anti-Rattler Wheels, Lathe Turned and Bored and Fitted With Cushion Rubber Tires and Turned Steel Bearings. The Track is Double Angle Steel Rail, Suspended from the Ceiling by Lag Screws; Complete With Clamps, Brackets and End Stops; Can be Suspended by Jointed or Rigid Hangers, or Screwed Close to the Ceiling With Flanged Plates; Can be Used on an Uneven Ceiling Without Blocking or Bridging.



Enlarged View of Trolley Track and Lower Rollers

The Floor Wheels or Travelers are 5 inches in Diameter, Made With Metal Sides, Fitted With Cushion Rubber Tires, Clamped in Such a Position That They Cannot Become Loose; These Rollers are Placed on a Steel Axle and Run Without Friction or Noise.

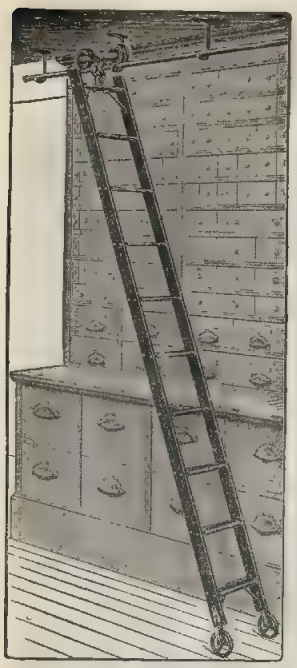
	Each
✣No. ML—Myers Ladder Complete With Attachments; Average Shipping Weight Each, 50 lbs.	$40.60
	Per Foot
✣No. MT—Myers Steel Trolley Track Complete With Hangers; Weight per foot, 2 lbs.	$0.55
	Each
✣No. ELW—Extra Lower Wheel or Traveler, for Myers Trolley or Ceiling Ladders; Weight Each, 9 ozs.	$2.00
	Per Pair
✣No. ERTL—Extra Rubber Tires, for Lower Wheels or Travelers; Weight per Pair, 6 ozs.	$1.70
	Per Set
✣No. ERT—Extra Rubber Tires, for Upper Trolley; (In Sets of Four) Weight per Set, 9 ozs. One in a Crate	$2.30

To Order Myers Ladders—Give Exact Height to Ceiling and Length of Each Track; if Height of Ceiling Varies, Give Height at Each End and Center of Each Run of Track.

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F.O.B., Ashland, Ohio.

ROLLING STORE LADDERS AND TRACKS

MILBRADT
Made To Order Only



TROLLEY OR CEILING LADDERS

Oak

For Steel Track Fastened to the Ceiling; Fiber Filled Wheels Run Noiselessly on the Steel Track; Cushion Tired Wheels at the Bottom Run on the Floor; the Track is Made of Round Tubing and Rests in Malleable Iron Brackets, Which are Screwed to the Ceiling About 4 feet Apart, or so the Lag Screws will Enter the Joists; if the Ceiling is Plastered, a Board 7 inches Wide Should First be Nailed or Screwed to Ceiling and the Brackets Screwed to the Board; in Every Instance, the Lag Screws Must Enter the Joists; Ceiling Board Not Furnished, Unless Specially Ordered.

This Ladder is Strongly Made and with Sufficient Incline to Make Easy Climbing; it is Especially Adapted for Hardware Stores, Wholesale Houses or Other Places where Heavy Goods are Handled; it Runs Independently of Shelving and is the Most Suitable to Use When Shelving is Not so Arranged that Ladders Can be Conveniently Applied to it. Width, 14 inches; 4 inch Side Pieces; 5 inch Steps; Complete With Fixtures

Each

No. 15—Average Shipping Weight Each, 60 lbs. **$40.00**

Per Foot

✣**No. 15ST**—**Steel Trolley Track,** for Above Ladder Including Brackets and Lag Screws; Weight per Foot, 1½ lbs. **$0.70**

✣**No. 15CB**—**Ceiling Board,** 7 inches Wide, for Use on Plastered Ceilings, with Above Ladders; Weight per Foot, 1½ lbs. ..... .50

To Order Above Ladder—Give Exact Height from Floor to Ceiling and State Exact Length of Each Run of Steel Track Wanted.

TRACK BRACKET

Used to Hold Up Steel Track Which is Attached to Shelving; They are Screwed and Bolted on Top of Shelf; Used in Connection with Nos. 7 or 8 Brackets Shown Below, on Shelving where Uprights to Which Brackets can be Fastened are Too Far Apart to Make Track Strong Enough.

Each

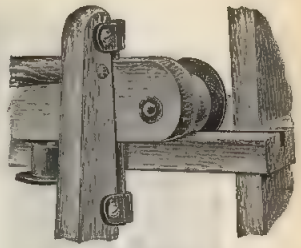
✣**No. 8**—Malleable Iron; Weight Each, ½ lb. **$1.00**
Loose

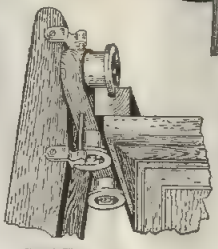
LADDER TRACKS
Special Wood Track

Hard Dry Maple; Finished to Match Ladder; Adapted for Ladders Which Run on the Floor; Requires No Special Shelf or Arrangement.

Per Foot

✣**No. 2WT**—For Ladder No. 2; Weight per Foot, 2 lbs. ... **$0.60**
Loose





Special Wood Track

Hard Dry Maple; Finished to Match Ladder.

Requires no Special Arrangement.

Fastens to Top of Cornice

Per Foot

✣**No. 1013**—For Ladders Nos. 10 and 13; Weight per Foot, 2 lbs. **$0.60**
Loose

Steel Track

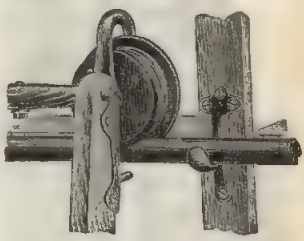
Made of Round Steel Tubing; For Ladders Nos. 1, 3, 4, Shown on Previous Pages.

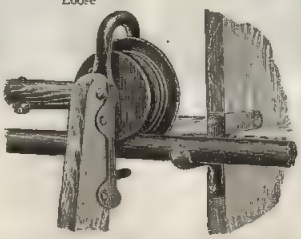
Showing Face Bracket No. 7; For Uprights 2 inches or Wider.

Regular; for Use on Shelving Where Uprights to Which Brackets are to be Fastened are Four Feet or Less Apart; Complete with Brackets and Screws.

Per Foot

✣**No. 1R**—Weight per Foot 1 lb. **$0.70**
Loose





Showing Upright Bracket No. 8; Specially for Uprights Less than 2 inches Wide.

Extra Strong; for Use on Shelving Where Uprights are More than Four Feet Apart; Can Be Used with Brackets 5½ feet Apart; When Uprights are More than 5½ feet Apart it is Necessary to Also Use No. 9 Bracket Shown Opposite, Between Uprights. Per Foot

✣**No. 1H**—Weight per Foot, 1½ lbs. ... **$0.70**
Loose

HOW TO ORDER STEEL TRACK

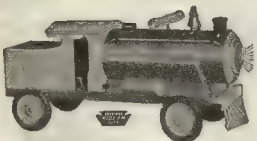
The Longest Length of Steel Track Made is 18 feet; if Track is to Be Longer than 18 feet, Two or More Lengths are Joined Together; Furnished in Such Lengths that All Joints Will Meet at Centers of Uprights or Partitions in Shelving, Which Will Bring the Joints Over Brackets. The Different Lengths are Screwed Together to Make a Continuous, Smooth Track for the Entire Line of Shelving.

First—Give the Entire Length of Each Line of Shelving.

Second—Measure from Outside of One End of Shelving to Center of an Upright or Partition Nearest to, but Inside of 18 feet from Starting Point; Give this Measurement, then Begin from the Center of the Last Upright or Partition Measured to, and Again Measure to the Center of an Upright or Partition Nearest to, but Inside of 18 feet from Last Starting Point, and so Continue to Measure for as Many Lengths as are Required.

Items Marked ✣ Not Carried in Stock; Made to Order Only and Shipped F. O. B. St. Louis, Mo.

Keystone Ride 'em Toys—Made of Heavy Duty Steel



No. 6100, Locomotive, made of heavy gauge steel for children to sit on and ride; handle bar for steering through front wheels. Beautiful enamel finish in bright red and cream. Disc wheels with rubber tires. Electric headlight and bell. Size 24 inches long and 11½ inches high. Packed each in shipping carton.

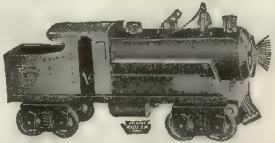
No. 82N263. Each..... 1.75

No. 6500, Freight Car, with adjustable handle bar for steering control and removable seat. Gondola type freight car, can be played with separately. Solid rubber tires. Sold as equipment to Locomotive. Length 20¾ inches, height 9¾ inches.

No. 82N242. Each..... 1.95

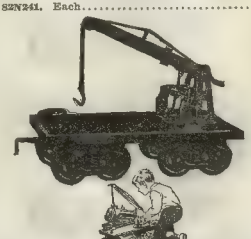
No. 6800, Pullman Car, with two electric lights on inside, with adjustable handle bar for steering control. Can be coupled to locomotive and played with in many ways. The top can be lifted and plenty of room to place many articles inside car. Every boy who has a locomotive will want a Keystone Pullman Car. Length 25 inches, height 11⅛ inches.

No. 82N244. Each..... 3.15



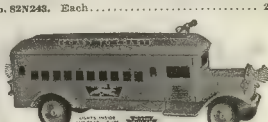
No. 6400, Locomotive, with bright electric searchlight, red and green electric lights near cowcatcher. Adjustable handle bar for steering control. The youngster can steer while sitting on it and play indoors and outdoors without tracks. Space provided in coal tender to pile articles. 8 solid rubber tire wheels, will not mar varnished floors. Coupling can connect Locomotive with freight car or Pullman car equipment. Length 28 inches, height 12½ inches.

No. 82N241. Each..... 3.90



No. 6600, Railroad Wrecker. Can be coupled to freight car or locomotive. Revolving crane can lift considerable weight easily. Solid rubber tires. Length 20¾ inches, height raised 23 inches.

No. 82N243. Each..... 2.40

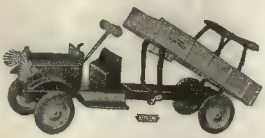


No. 84, Coast-to-Coast Bus, with two electric headlights, a rear light and one light inside. Equipped with adjustable handle bar on top so that child can sit and steer comfortably while riding. Top can be lifted and plenty of room to place articles inside. Four solid rubber tire wheels. Will not scratch nor mar varnished floors. Will hold about 250 lbs. Length 31¼ inches, height 12¾ inches, width 8⅛ inches.

No. 82N245. Each..... 4.45

Keystone Ride 'em Toys—Made of Heavy Duty Steel

Keystone, long the leader in high class toys, revolutionizes this class of goods by startling innovation of combining seats and handle bars with their toys to give them double play value to the children. Can also be used as a Pull Toy. The seats are detachable and the handle bars with the seats make the toy easy to ride on, and more practical. These remarkable toys are electrically welded, heavy rivited throughout and will sustain weights of from 200 to 300 lbs. The Handle Bars are adjustable. Many have electric lights and electric horns.

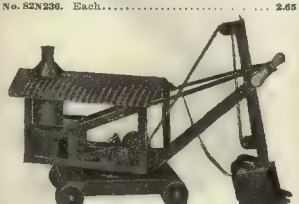


No. 38, Dump Truck, equipped with two headlights (electric) and spotlight. This truck will hold 250 lbs. Lifting lever is on the side. Heavy all steels wheels. Has ribbed body throughout. Removable seat. Length 26 inches, height 10½ inches. Each in carton.

No. 82N234. Each..... 2.35

No. 44, Truck Loader. Endless chain with a series of grab buckets geared to crank so as to give more power to the chain. The material when lifted is thrown down a chute. Length 20¼ inches, height 17¾ inches. Each in carton.

No. 82N236. Each..... 2.65



No. 47, Steam Shovel, with handle bar for steering control. When scoop is raised the arm can be extended an additional 8½ inches. A trap door on the scoop automatically locks when the scoop drops to its original position. Housing turns around on turn table. Equipped with automatic ratchet stop, springs etc. Length 35½ inches when arm is extended, length 20¾ inches when the arm is down, height 14¾ inches when arm is down. Each in carton.

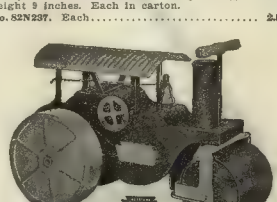
No. 82N238. Each..... 1.95

No. 41, Dump Truck, equipped with two electric headlights, spotlight, real electric horn operated with button and connected for batteries, adjustable handle bar, steering control and removable seat. Lifting power of great strength, operated by crank in front of car. Load stays at any location. Tailboard has chute so that if the boy does not desire to swing the tailboard down he can regulate the unloading. Solid rubber tires on steel disc wheels. Length 26½ inches, height 10½ inches. Each in carton.

No. 82N235. Each..... 3.00

No. 55, Konster Truck, with two electric headlights. A truck for small children to sit on comfortably and to use as a coaster. Has adjustable handle bar for steering. Platform of especially heavy material and baked. Length 24½ inches, height 9 inches. Each in carton.

No. 82N237. Each..... 2.50



No. 60, Steam Roller, with handle bar in front so that the child can comfortably sit on roof and steer while riding. Extra heavy roller and well proportioned wheels. Has loud ringing brass bell. This Steam Roller will stand a weight of about 150 lbs. Each in carton.

No. 82N239. Each..... 1.95

Keystone Ride 'em Toys—Made of Heavy Duty Steel

No. 273, Mail Plane, with electric lights, one green and one red under the wing. With comfortable seat located so that the plane will not tip. Can be steered with adjustable handle bar. Has 4 solid rubber tire wheels. Makes clicking noise when pulled. Baked enamel finish. Propeller revolves when riding. Has leather bound mail bag, has cabin and swinging door with clasp. Length 25 inches, height 24 inches.

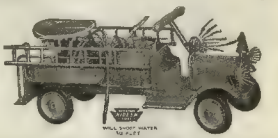
No. S2N246. Each..... 2.66

No. 78, Wrecking Car, with two electric headlights and spotlight. Adjustable handle bar steering control and removable seat. Lifting crane that swings around on turn table, lifts considerable weight. Length 27 inches, height when crane is lifted 22¾ inches

No. S2N247. Each..... 3.95

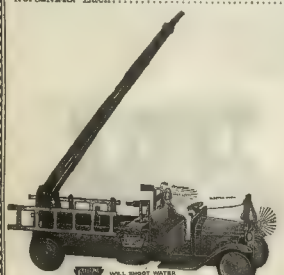
No. 49, Fire Truck, with two electric headlights and spotlight, with adjustable handle bar for steering control and removable seat. Equipped with two extension ladders. Hose reel is equipped with 12 feet of non-curling hose cord with a heavy brass screw machined nozzle. A large shiny swinging bell is fastened to the radiator with cord for ringing. Siren noise maker cricket type. Has brass railings. Length 27½ inches, height 10¾ inches.

No. S2N248. Each..... 3.25



No. 57, Chemical Pump Engine, with two electric headlights and spotlight. With Real Electric Horn operated with push button and connected for batteries. With adjustable handle bar for steering control and removal. Real pressure pump operated by hand. Shoots water 30 feet. Real rubber hose with brass nozzle. Extension ladders attached to back to attain a height of 5½ feet. Brass railings. Water tank with brass connections and plenty of water storage. Swinging brass bell. Length 27½ inches, height 10¾ inches

No. S2N249. Each..... 4.75



No. 942, Automatic Water Tower, with removable seat and steering arrangement. Red body, ivory ladders, disc wheels with rubber tires. 2 electric headlights, spotlight and hand crank siren. Tank and pump arrangement with water hose running through the tower with brass nozzle. Size 24 inches long and 21 inches high when tower is opened.

No. S2N255. Each..... 3.00

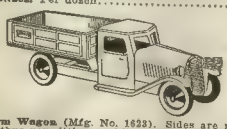
No. 56, Water Tower, with two electric headlights and spotlight, with electric horn operated with push button and connected for batteries. Real pressure pump operated by hand. Shoots water 30 feet. With handle bar for steering control and removable seat. Water tank with plenty of water storage. Mechanism for raising tower. Ladders. Brass railings along side of the truck. Aluminum running board on both sides. Swinging brass bell. Length 29 inches, height 41 inches, when raised.

No. S2N256. Each..... 6.75

With Lights STRUCTO TOYS Enamel Finish

Entirely New Streamline Design Trucks with Lights. Long life headlights included. Patented design permits all solid electrical contacts—no visible wires. Has receptacle for standard size battery. (Battery not included.) All strongly constructed of embossed steel electrically welded and finished in bright pastel shades of automobile enamel.

Wrecking Auto (Mfg. No. 1624). Lifting unit can be detached converting the Wrecking Auto into a Speed Wagon. Note its new design "V" type windshield and nickel plated radiator. White enamel with red boom. Size 23x6¼x8½ inches.
No. 40N202. Per dozen..... 8.50

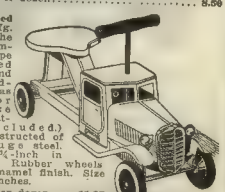


Farm Wagon (Mfg. No. 1623). Sides are removable, thus permitting a child to ride on it. Due to its heavy steel construction, it can support the weight of a 170 lb. man. White truck, green body, enamel finish. Size 19½x6¼x6¼ inches.
No. 40N204. Per dozen..... 8.50

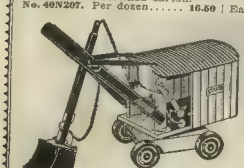
Pumping Fire Engine. Has play features of items usually sold for 5.00. Squirts a long stream of water. Has a large water tank equipped with a rubber air compression bulb. The 25-inch hose has solid brass nozzle. Two extension ladders included. Has red and green headlights. Red and orange enamel in individual certified carton. Size 36x6¼x8¾ inches. Gross weight 5⅔ lbs. Packed 6 each in carton.
No. 40N207. Per dozen..... 16.50 | Each..... 1.50

Hook and Ladder (Mfg. No. 1625). A very popular and fast selling item. Has two extension ladders for extra play value. Red and green headlights. New streamline design. Nickel plated radiator. Bright red enamel finish. Size 36x6¼x6¼ inches.
No. 40N203. Per dozen..... 8.50

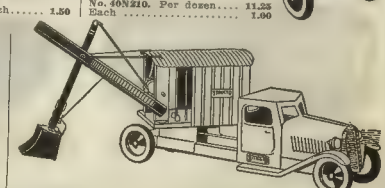
Dump Truck (Mfg. No. 1621). Design permits the entire load to be completely dumped. You can make volume sales with this item. Heavy steel, electrically welded construction. Beautiful orange enamel finish. Size 19½x6¼x6¾ inches.
No. 40N201. Per dozen..... 8.50



Structo "Red Rider" (Mfg. No. 5). Has the latest streamline "V" type nickel plated radiator and divided windshield. Has receptacle for standard size battery. (Battery not included.) Strongly constructed of heavy gauge steel. Axles are ¼-inch in diameter. Rubber wheels. Bright red enamel finish. Size 30x6¾x11⅛ inches.
No. 40N210. Per dozen..... 11.25
Each 1.00



Steam Shovel (Mfg. No. 823). Fastest selling steam shovel made. Crank controls operations. Orange, green and black enamel. Size 30¾x11x6 inches. Packed each in carton.
No. 40N205. Per dozen..... 8.40



Combination Truck and Steam Shovel (Mfg. No. 2750). Steam shovel, mounted turntable base, is movable. Has new Studebaker design radiator and cab. The two headlights are equipped with reflectors. Solid rubber wheels. Finished in red, green and orange enamel. Size 31x12⅛x6 inches
No. 40N206. Per dozen..... 16.50 | Each..... 1.50

SOCKET WRENCHES.

WALDEN.

PONY SET.

A set designed particularly for jobs that are hard to reach. Great for generator and starter work; carburetor adjustment repair, etc.; for all instrument work; just the set for airplane work. The handles are slender and easy to work in tight corners; sockets are exceptionally small. The universal joint together with the small handle and socket makes for great flexibility. The finish of the handles is cadmium plate over steel, while the sockets, made of chrome molybdenum steel, are finished in straw colored gun metal.

Per Set

No. A-4000—Wrench Sets; complete with steel case; weight, 7½ lbs. $12.50

VALVE STEM WRENCH SETS.

Designed especially to set the valve stem nut firmly. A simple and certain means of stopping leakage at base of valve stem. Set consists of two wrenches, No. 481, 5/16-inch double-hex, 7/16-inch oval; No. 482, 7/16-inch double-hex, ½-inch oval. This combination of sizes fits all nuts and valve stems.

Per Set

No. A-483—Wrench Sets; two wrenches, as listed above. $2.00

DRAIN PLUG SETS.

A necessity in every oil station and garage. A plug, hex socket or square socket to quickly remove the plug from any crank case or transmission. Contains the following:

1 No. A-1124 tee handle, having 4-inch shank with cross bar, for use with sockets and plugs.

7 hexagon sockets, 1/2, 3/4, 15/16, 1, 1-1/16, 1-1/8, 1-1/4 inches.

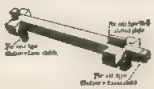
9 square sockets 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16 inches.

8 plugs, 5/16, 3/8, 7/16 1/2, 9/16, 5/8, 11/16, 3/4 inches.

Per Set

No. A-21—Drain Plug Service Sets; containing handle and 24 sockets and plugs as listed above, in steel box, size 10⅞x5⅝x1½ inches; weight, 3¼ lbs. $9.00

DRAIN PLUG WRENCHES.



For all drain and filler plugs. Removes all plugs from crank cases, transmissions, differentials and water manifolds.

Each

No. A-345—Drain Plug Wrenches $1.80

HEAVY DUTY.

Tools assembled from this set give a powerful leverage and have ample margins of strength to insure safety, yet they avoid the weight and bulk usual in large sized sockets and handles. For weight of metal they substitute quality of steel. The sockets are thin walled and of minimum dimensions, made of chrome alloy steel. The handles are long, sturdy, light, yet heat treated and tempered to tremendous strength. Set contents as follows:

Eight hexagon sockets, 15/16, 31/32, 1, 1-1/16, 1-1/8, 1-1/4, 1-3/8 and 1-7/16 inches.

No. 2281 sliding offset handle and adapter, 20-inch. No. 2282 extension bar, 14-inch. No. 2283 extension bar, 6-inch No 2284 plug connector for ratchet. No. 2285 ratchet handle, 15-inch.

Per Set

No. A-2200—Heavy Wrench Sets; in steel box $20.00

Heat treated chrome alloy steel throughout, deep broached, thin wall sockets fully guaranteed. Rugged handles for heavy work. Sockets are .005 to .010 oversize to fit nut snugly.

Hy-Duty sockets with ⅝-inch handle opening. Spring ball in handle holds socket firmly, yet permits quick interchange of sizes. Recommended for large nuts and bolts to 1 1/16-inch hex.

Heavy Sockets.	Each	Hex: Opening, Ins.	Diam: Socket End, Ins.	Diam: Handle End, Ins.	Overall Length, Ins.
A-2231	$0.65	31/32	1 3/16	1 1/16	1¾
A-2232	.65	1	1 3/16	1 1/16	1¾
A-2234	.80	1 1/16	1 1/16	1 1/16	2
A-2236	.90	1 1/16	1 1/16	1 5/16	2
A-2240	1.00	1¼	1 1/16	1¾	2
A-2244	1.10	1 5/16	1 1/16	2	2 1/16
A-2246	1.10	1 1/16	2	2 1/16	2 1/16

PLUG CONNECTORS.

Plug connector, length, 1¾ inches, double spring ball and flat top. This plug is used with No. 2285 ratchet for all heavy sockets. Ratchets may be reversed by simply reversing plug.

Each

No. A-2284—Plug Connectors $0.65

RATCHET HANDLE.

Hy-Duty dropped forged ratchet, ⅝-inch square opening length 15 inches, chrome alloy steel throughout. An unusually strong and improved ratchet handle for heavy work.

Each

No. A-2285—Ratchet Handles $6.50

OFFSET HANDLE.

Sliding offset or short tee handle, length 15 inches, diameter ¾-inch. Both bar and head of chrome alloy steel.

Each

No. A-2281—Offset Handles $2.50

WALDEN.

HEAVY DUTY WRENCH PARTS.

SHORT EXTENSION BAR.

Extension bar, 6-inch, chrome alloy steel, spring ball on end for socket. Used with No. 2281 to make up 6-inch tee handle.

Each

No. A-2283—Short Extension Bars $2.00

LONG EXTENSION BARS.

Extension bar, 14-inch, chrome alloy steel throughout, spring ball holds socket in place on end. Used with No. 2281 bar to make up tee handle combination.

Each

No. A-2282—Long Extension Bars $2.10

INDUSTRIAL WRENCH SETS.

Designed especially for buses, trucks, delivery wagons, tractors, locomotives steam engineers and heavy industrial work. Contents as follows. 1 No. A-1103 offset adapter. 1 No. A-1112 tee handle shank. 1 No. A-1123 cross bar handle. 1 each heavy duty sockets No. A-540, A-544, A-546, A-548, A-552 and A-556.

Each

No. A-500—Socket Sets; contains 9 pieces as listed above, in steel box, 20½x4x3¼ inches; weight, 21½ lbs $17.50

INDUSTRIAL SOCKETS.

Ind. Sockets.	Size, Ins.	Each
A-531	31/32	$1.48
A-532	1	1.48
A-534	1-1/16	1.48
A-536	1-1/8	1.60
A-540	1-1/4	1.60
A-542	1-5/16	1.80
A-544	1-3/8	1.80
A-546	1-7/16	2.00
A-548	1-1/2	2.55
A-550	1-9/16	2.55
A-552	1-5/8	2.55
A-554	1-11/16	2.80
A-556	1-3/4	2.80
A-560	1-7/8	4.15
A-564	2	4.15

Sockets packed in units of five.

OFFSET ADAPTERS.

Each

No. A-1103—Industrial Offset Adapters; made from substantial stock; weight, 13 ozs $1.70

TEE HANDLE SHANKS.

Each

No. A-1112—Tee Handle Shanks; length over all, 13¼ inches; stock, 1-inch; weight, 3¾ lbs $2.40

CROSS BAR HANDLES.

Each

No. A-1123—Cross Bar Handles; length over all, 20 inches; stock, ⅞-inch; weight, 3½ lbs $0.80

SINGLE END.

Double hex. socket with convenient 5-inch offset handle. Adaptable to electrical or fine machine work.

Single End Socket Wrenches.	Each	Socket Size
A-496	$0.48	⅛
A-497	.48	¼
A-494	.48	¾

TEE HANDLE TYPE.

Made with 6-inch handles and 12-inch shanks.

Socket Wrenches	Each	Socket, Ins.	Weight Lbs.
A-2714	$0.60	⅛	1⅜
A-2716	.60	⅛	1⅜
A-2718	.60	⅛	1⅜
A-2720	.60	⅝	1½
A-2722	.60	⅛	1½
A2724	.60	¾	1½

HEAVY DUTY OFFSET WRENCHES.

Standard equipment for servicing fleets of trucks and buses. Handy for brake and wheel work on all cars.

Socket Wrenches.	Each	Socket Size, Ins.	Handles, Ins.	Length Socket, Ins.	Clearance Handle, Ins.
A-4230	1.00	⅝	⅝x10	2¼	1¾
A-4231	1.20	⅝	⅝x10	2¼	1¾
A-4234	1.60	1⅛	⅛x12	2½	1½
A-4238	2.00	1⅛	⅛x12	3	2⅛
A-4242	2.15	1⅛	¾x15	3¼	2¼
A-4244	2.40	1⅜	¾x15	3¼	2¼

SPEED BRACE TYPE.

Long shank brace socket wrenches are used as speed tools in assembling and dismantling cars. Are most efficient when used on a series of the same sizes nuts as on cylinder heads. Length of shank, 10¾ inches; length over all, 19 inches.

Socket Wrenches	Each	Socket, Ins.	Weight, Lbs.
A-6016	$0 80	½	1⅜
A-6018	.80	⅝	1⅜
A-6020	.80	⅝	1¾
A-6022	.80	¾	1¾

BOXTITE.

Particularly well adapted to work in close quarters; extra reach short swing, no slip Thin head walls permit use where clearance is extremely limited. The openings grip hex nuts on six sides, preventing slipping and rounding of the nut's corners. Each head has a 12-point opening, consequently hex nuts can be completely rotated by the offset heads where the swing of the wrench is limited to 30°, less than 1/10 of a full turn. The straight head of the single offset pattern requires a swing of only 15°.

DOUBLE OFFSET—Different Openings in Each Head.

Wrenches.	Each	Openings	Extreme Length
A-8723	$1.20	3/8 & 7/16	8½
A-8725B	1.25	1/2 & 9/16	9
A-8727	1.35	9/16 & 5/8	9¾
A-8727A	1.35	5/8 & 11/16	9¾
A-8729A	1.45	3/4 & 25/32	11
A-8731B	1.90	13/16 & 7/8	12½
A-8733C	2.25	15/16 & 1	14½

SPINTITES.

Every work bench, every tool kit needs Spintites. Built like a screw driver with a thin walled hexagon socket on the end. Hollow shanks so the socket will reach down over the bolt and grip the nut.

Spintite Wrenches.	Each	Hex Size	Length, Ins.
A-3406	$0.36	7/32	5⅜
A-3408	.36	¼	5⅝
A-3410	.36	9/32	5⅝
A-3411	.36	11/32	5⅝
A-3412	.36	5/16	5⅝
A-3414	.56	7/16	6⅝
A-3416	.56	9/16	6⅝
A-3418	1.00	5/8	6⅝
A-3420	1.00	3/4	6⅝

BRAKE ADJUSTMENT.

For Ford.

A long, powerful chrome alloy forging, with offset cupped sockets, sizes 7/16 and ½-inch. Length, 13½ inches. Sockets are double square, so only 1/8 turn is necessary to clear in close places. Can be used on all Ford models A and AA brakes.

Each

No. A-459 — Brake Adjustment Wrenches; square socket sizes, 7/16 and ½-inch..... $2.40

An inexpensive wrench for adjusting brakes on model A Ford passenger cars. Size of socket is 7/16-inch square.

Each

No. A-440 — Brake Adjustment Wrenches; 7/16-inch square socket..... $0.70

RIM AND WHEEL.

Substantially made rim wrench in individual sizes; length, 15½ inches.

Each

No. A-1720—Rim Wrenches; socket size, 5/8-inch..... $0.35
No. A-1722—Rim Wrenches; socket size, 11/16-inch..... .35
No. A-1724—Rim Wrenches; socket size, 3/4-inch..... .35
No. A-1726—Rim Wrenches; socket size, 13/16-inch..... .35
No. A-1728—Rim Wrenches; socket size, 7/8-inch..... .35

Made of heavy stock and with a longer sweep, with solid steel grip on end and a steel grip in center.

Each

No. A-1453—Rim Wrenches; socket sizes, 5/8, 11/16, 3/4 and 7/8 inches; weight, 8¼ lbs..... $2.50

All the sockets you need for all passenger car rim nuts, and a handy tool for removing the new type hub caps, all combined in one convenient tool that saves time. Made of high carbon steel with heat treated arms and sockets. Hook on one arm makes it easy to remove the snap-on type hub caps without marring or chipping paint on wheel. You don't have to get a screw driver to pry off cap; simply wedge the hook between the cap and the wheel.

Not easily misplaced, lost or stolen. Stands up where you can see it; no time lost looking for it. Easy to pick up off the floor Has four arms always at right angles to the socket in use, instead of only two on a 4-way rim wrench. You spin off the run nuts much faster with this wrench by slapping one of the four arms.

Each

No. A-1705—Rim Wrenches; five sockets, 2 inches deep, for 5/8, 11/16, 3/4, 13/16 and 7/8 inches; one hook; weight, 4¼ lbs..... $1.80

FOUR-WAY.

100% heat treated; has deep sockets; forged center and sockets; hardened high carbon steel; takes all the commonly used sizes of hexagon nuts.

Each

No. A-1700—Rim and Wheel Wrenches; four sockets; size of sockets, 5/8, 11/16, 13/16 and 3/4 inch; length over all, 12⅜ inches; weight, 2½ lbs..... $1.00

RATCHET WRENCHES.

A scientifically designed ratchet wrench with coil spring holding pawl in place against teeth. Heavy construction, with slightly rounding handle for comfort in using. The handle is forged to insure strength.

Each

No. A-916 Ratchet Wrenches: length, 10½ inches; weight, 1¼ lbs $3.50

PLUG CONNECTORS.

Each

No. A-1109—Plug Connectors; weight, 2 ozs..... $0.35

EXTENSION BARS.

Each

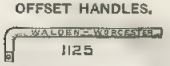
No. A-1139—Extension Bars; length over all, 9 inches; weight, 10 ozs.... $0.75

SOCKET CONNECTORS.

Each

No. A-1110—Socket Connectors; length over all, ⅛ ins.; weight, 2 ozs. $0.50

OFFSET HANDLES.



Each

No. A-1125—Offset Handles; length over all, 10⅞ inches; weight, 1 lb. $0.85

COMBINATION TEE AND OFFSET.

Each

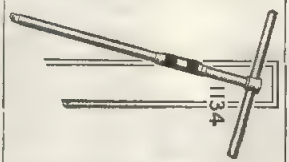
No. A-1111—Tee and Offset Handles; length over all, 10 ins.; weight, 1 lb.. $1.10

WALDEN INTERCHANGEABLE.

CHROME NICKEL STEEL SOCKETS.

Size	Square No.	Each	Double Hex. No.	Each	Thin Wall Double Hex. No.	Each	U. S. S. Nuts	U. S. S. Cap Screw	S. A. E. Nut & Cap Screw	Mfg Std. Bolt Heads
5/16	A-112		...		...		...	...	...	...
11/32	A-114		A-814		A-1814		7/16	3/8	7/16	3/4
3/8	A-116		...		A-1816		1/2	7/16	1/2	..
13/32	A-118		...		A-1818		...	1/2	5/8	..
19/32	...		A-819		A-1819		7/16	...	...	...
5/8	A-120		A-820		A-1820		1/2	7/16	1/2	3/8
11/16	A-122		A-822		A-1822		5/8	1/2	5/8	..
3/4	A-124		...		A-1824		...	1/2	3/4	..
25/32	...		...		A-1825		7/16	...	...	...
13/16	...		A-826		A-1826		3/4	5/8	...	1/2
7/8	A-128		A-828		A-1828		3/4	7/8	7/8	..
15/16	...		A-830		A-1830		7/16	...	5/8	..
31/32	...		A-831		...		...	...	...	...
1	A-132		A-832		A-1832		...	3/4	7/8	5/8
1 1/16	...		A-834		...		5/8	...	3/4	..
1 1/8	A-136		...		...		...	7/8	...	..
1 1/4	A-140		...		...		3/4	1	7/8	..

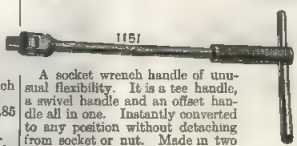
CYLINDER-HEAD TEE HANDLES.



Twenty inch shank allows cross-bar handle to clear hood and cowl when working on cylinder head. Rotating knurled grip to spin nuts on or off.

Each

No. A-1134—Tee Handles..... $3.10



A socket wrench handle of unusual flexibility. It is a tee handle, a swivel handle and an offset handle all in one. Instantly converted to any position without detaching from socket or nut. Made in two lengths.

Each

No. A-1151—Swivel Tee Handle; 15 inches long..... $2.35

No. A-1152—Swivel Tee Handles; 10 inches long..... 2.20

TEE HANDLES.

Massive handle enables one to get more power. Rotating grip to spin the nuts.

Each

No. A-1122—Tee Handles; 12 in.. $1.20

OFFSET HANDLES.

For powerful leverage in close quarters.

Each

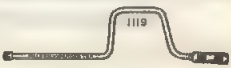
No. A-1142-Offset Handles; 10½ in. $1.00

SHORT SHANK SPEED WRENCHES.

Each

No. A-1115—Speed Wrenches; length over all, 14½ inches; shank, 4¼ inches; weight, 2 lbs..... $1.85

LONG SHANK SPEED WRENCHES.



Each

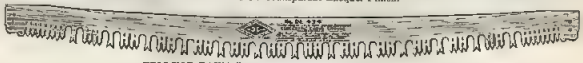
No. A-1119—Speed Wrenches; length over all, 20 inches; shank, 9¼ inches; weight, 1¾ lbs..... $1.50

CROSS-CUT SAWS

*SIMPLEX DIAMOND EDGE
TRADE MARK REG IN THE U. S PAT OFFICE

CONCENTRIC CURVE GROUND
(REG STERED)

The Blades are Strictly High Grade Saw Steel, Carefully Tempered in Oil, They are Ground so that the Gauge Diminishes in Concentric Curves From 14 Gauge at Teeth to .17 to 19 or 20 Gauge at Case may be" at Back, Leaving Both Edges Stiff and Prevents Buckling Teeth Hand Filed and Set Finished in New Transparent Lacquer Finish.



FELLING PATTERN –LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DE424

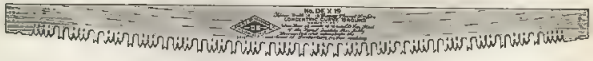
Length, feet	5½	6
Gauge	14x17	14x17
Width at Center, inches	4½	4¼
Weight Each, lbs	5	5¾
Each, Without Handles	$9 60	10 50

FELLING PATTERN LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No DE588

Length, feet	5½	6
Gauge	15x20	14x19
Width at Center, inches	5⅛	6¼
Weight Each, lbs	5	5¾
Each, Without Handles	$9 60	10 50

LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DE1419

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	6¼	6¼
Weight, Each, lbs	5¾	6¼
Each, Without Handles	$9 60	10 50



COTTONWOOD PATTERN LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DEX19

Length Feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5¾	6
Weight Each, lbs	5¾	6
Each, Without Handles	$9 60	10.50

DIAMOND TOOTH PERFORATED
Two Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DEX14

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5¾	6
Weight Each, lbs	5¾	6½
Each, Without Handles	$9 60	10 50

Each Above Saw Blade Individually Paper-Wrapped, With Wood Strip on Tooth Edge the Full Length

CROSS-CUT SAWS

★SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

★SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

★SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

CONCENTRIC CURVE GROUND
(PEG STEMMED)

Made of Extra Quality Saw Steel; Carefully Tempered in Oil; They are Ground so that the Gauge Diminishes in Concentric Curves from 14 Gauge at Teeth to "18 or 21 Gauge as Case May Be" at Back, Leaving Both Ends Stiff and Prevents Buckling, Teeth Hand Filed and Set.

PLAIN TOOTH—THIN BACK
No. BP2

Length, feet	5	5½
Gauge	14x16	14x16
Width at Center, inches	5¾	6¼
Weight Each, lbs.	5¼	5¾
Each, Without Handles	$5 10	5.50

FELLING PATTERN LANCE TOOTH—PERFORATED
Four Cutting Teeth to Each Raker Tooth
No. BFL434

Length, feet	5½	6
Gauge	14x17	14x17
Width at Center, inches	4½	4½
Weight Each, lbs.	5	5¼
Each, Without Handles	$7 50	8 60

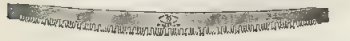
FELLING PATTERN LANCE TOOTH—PERFORATED
Four Cutting Teeth to One Raker Tooth.
No. BFL558

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5⅜	5¾
Weight Each, lbs.	5	5¼
Each, Without Handles	$7 50	8 60

Each Above Saw Blade Individually Paper-Wrapped, with Wood Strip on Tooth Edge the Full Length.

HENRY DISSTON & SONS

Made of High Quality Electric Alloy Steel, Perfectly Tempered, Carefully Sharpened and Set; Polished and Etched; Ground to an Even Gauge Throughout the Tooth Edge, with a Relative and Uniform Thickness Throughout the Body to an Extra Thin Edge at Back Edge, Giving the Saw a Maximum Amount of Clearance without Sacrificing its Elasticity and Stiffness.



PERFORATED LANCE TOOTH
No. 472

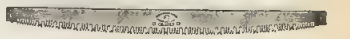
Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	5⅛	5¾
Weight Each, lbs.	5	5¼
Each, Without Handles	$9 00	9.70

Loose

PERFORATED LANCE TOOTH
No 484

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	6¾	6
Weight Each, lbs.	6	6¾
Each, Without Handles	$9.00	9.70

Loose



PERFORATED LANCE TOOTH
No. 483

Length, feet	5½	
Gauge	11x17	
Width at Center, inches	4⅛	
Weight Each, lbs.	6	
Each, Without Handles	$9 00	

Loose

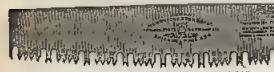
SHAPLEIGH'S POINTERS

DEALERS WHO KNOW SAWS
ALWAYS
SELL MORE SAW TOOLS
THAN THOSE WHO DON'T.
IT PAYS.

CROSS-CUT SAWS

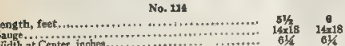
HENRY DISSTON & SONS

Made of Crucible Steel; Perfectly Tempered, Carefully Sharpened and Set; Polished and Etched; Ground to an Even Gauge Throughout the Tooth Edge, with a Relative and Uniform Thickness Throughout the Body to a Thin or Extra Thin Edge at Back Edge, Giving the Saw a Maximum Amount of Clearance Without Sacrificing its Elasticity and Stiffness.



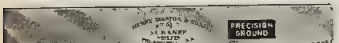
PERFORATED LANCE TOOTH
No. 124

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center inches	6¼	6¼
Weight Each, lbs	6¾	8
Each, Without Handles	$8.00	9.70



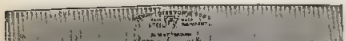
BUZZ; COTTON PATTERN
No. 470

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5¾	6
Weight Each, lbs	5¼	8
Each, Without Handles	$11 90	13 90



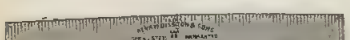
SUWANEE
No. 495

Length, feet	5½
Gauge	14x20
Width at Center, inches	6¼
Weight Each, lbs	6¾
Each, Without Handles	$11 90



CHAMPION TOOTH
No. 152

Length, feet	5½	6
Gauge	14x16	14x16
Width at Center, inches	7¼	7½
Weight Each, lbs	7	7½
Each, Without Handles	$6.80	7.30



PLAIN TOOTH
No. 162

Length, feet	5½
Gauge	14x16
Width at Center, inches	7
Weight Each, lbs	7
Each, Without Handles	$6.80

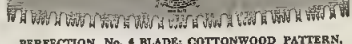
CROSS-CUT SAWS

E. C. ATKINS & CO.

Each Blade is Evenly Tempered, Carefully Ground, Sharpened and Set; Polished and Etched; Segment Grinding Consists in Grinding Away the Central Portion of the Plate, Extending from the Back to Within About Two Inches of the Cutting Edge, Leaving the Saw Strong at the Ends and Allowing for Wear on the Tooth Side

PERFECTION LANCE TOOTH, PERFORATED
Made in Silver Steel Only
No. 5

Length, feet	5½	6
Gauge	15x20	14x20
Width at Center, inches	6¾	7
Weight Each, lbs	5½	7
Each, Without Handles	$11 90	13.90

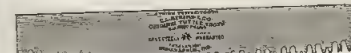


PERFECTION, No. 4 BLADE; COTTONWOOD PATTERN, LANCE TOOTH, PERFORATED
Narrow Width, for Cutting Cottonwood and Other Soft Woods
Silver Steel
No. 4

Length, feet	5½	6
Gauge	15x20	14x20
Width at Center, inches	5¾	6
Weight Each, lbs	5	6
Each, Without Handles	$11.90	13 90

LONE STAR; DIAMOND TOOTH
Special Steel
No. 293

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	5½	5¾
Weight Each, lbs	4½	5½
Each, Without Handles	$8 10	8 70



TUTTLE TOOTH; Special Steel
No. 333

Length, feet	5½	6
Gauge	15x19	14x10
Width, Center, inches	6¼	7
Weight Each, lbs	5¼	7
Each, Without Handles	$9 00	9.70

VICTOR PERFECTION LANCE TOOTH, PERFORATED.
Recommended Especially for Bucking.
No. 225

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	6¾	7
Width at Ends, inches	3¼	3¼
Weight Each, lbs	6¾	7
Each, Without Handles	$9.60	9.70

All Above Saws Wood Stripped on Cutting Edge, We Ship All Cross-Cut Saws Nailed to Boards.

SHAPLEIGH'S TRADE MARK REG. DIAMOND EDGE IN U. S. PAT. OFFICE

CROSS-CUT SAWS

★SHAPLEIGH'S BRIDGE

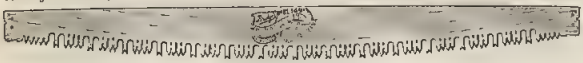
CONCENTRIC CURVE GROUND

(REGISTERED)

★SHAPLEIGH'S Bridge REG. IN THE U. S. PAT. OFFICE

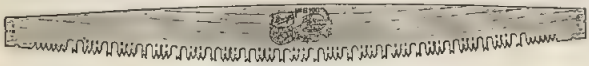
★SHAPLEIGH'S Bridge REG. IN THE U. S. PAT. OFFICE

Made of Extra Quality Saw Steel, Carefully Tempered in Oil, They are Ground so that the Gauge Diminishes in Concentric Curves from 14 Gauge at Teeth to "18 or 21 Gauge as Case May Be" at Back Leaving Both Ends Straight and Prevents Bucking. Teeth Hand Filed and Set



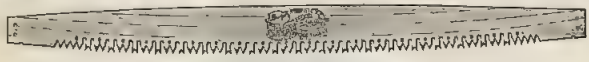
COTTONWOOD PATTERN—LANCE TOOTH—PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. BL148

Length, feet	5½	6	6½
Gauge	14x19	14x19	14x19
Width at Center, inches	5¾	5¾	6¼
Weight Each, lbs.	4¾	5	5 50
Each, Without Handles	$7.30	8.30	8 80



LANCE TOOTH—PERFORATED
Four Cutting Teeth to Each Raker Tooth
No. B100

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	6¼	7
Weight Each, lbs.	5½	7
Each, Without Handles	$7.20	8 00

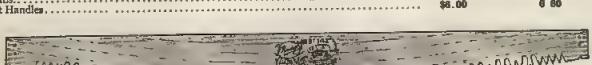


DIAMOND TOOTH -PERFORATED
Two Cutting Teeth to Each Raker Tooth
No. BDP151

Length, feet	5¼	6
Gauge	14x19	14x19
Width at Center, inches	5½	5¾
Weight Each, lbs.	5	5¾
Each, Without Handles	$7.00	8.30

TUTTLE TOOTH
Two Cutting Teeth to Each Raker Tooth
No. B148

Length, feet	5	5½	6
Gauge	14x18	14x18	14x18
Width at Center, inches	5¾	6¼	7
Weight Each, lbs.	5½	5½	7¼
Each, Without Handles	$6.00	6 60	7.20



TUTTLE TOOTH
Two Cutting Teeth to Each Raker Tooth
No. BT142

Length, feet	5¼
Gauge	14x20
Width at Center, inches	6¼
Weight Each, lbs.	5
Each, Without Handles	$7.70

Each Above Saw Blade Individually Paper-Wrapped, with Wood Strip on Tooth Edge the Full Length

TRADE MARK REGISTERED **SHAPLEIGH'S** IN THE U. S. PAT. OFFICE
ESTABLISHED 1843
ST. LOUIS, U.S.A.

Method of Packing Cross Cut Saws

APPLIES TO ALL

DIAMOND EDGE

SHAPLEIGH HARDWARE CO. TRADE DE MARK DIAMOND EDGE

TRADE MARK REGISTERED IN THE U.S. PATENT OFFICE

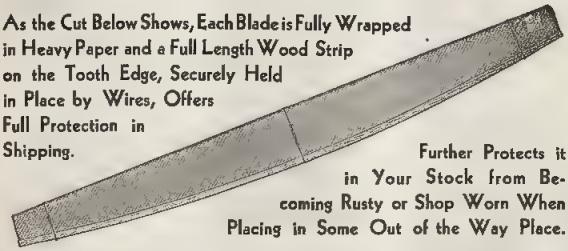
BRIDGE TOOL CO'S.

Bridge TRADE MARK

REGISTERED IN THE U.S. PATENT OFFICE

WIDE, NARROW AND ONE MAN

As the Cut Below Shows, Each Blade is Fully Wrapped in Heavy Paper and a Full Length Wood Strip on the Tooth Edge, Securely Held in Place by Wires, Offers Full Protection in Shipping.



Further Protects it in Your Stock from Becoming Rusty or Shop Worn When Placing in Some Out of the Way Place.

A SAVING IN CARRIER CHARGES
YOU PAY ONLY ON THE ACTUAL WEIGHT OF A SAW

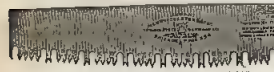
DIAMOND EDGE CROSS CUT SAWS

Are Made of Strictly High Grade Saw Steel; Oil Tempered. The Grinding, Polishing, Set and Filing is of the Highest Workmanship Possible to Put in Any Saw

CROSS-CUT SAWS

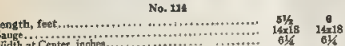
HENRY DISSTON & SONS

Made of Crucible Steel; Perfectly Tempered, Carefully Sharpened and Set; Polished and Etched; Ground to an Even Gauge Throughout the Tooth Edge, with a Relative and Uniform Thickness Throughout the Body to a Thin or Extra Thin Edge at Back Edge, Giving the Saw a Maximum Amount of Clearance Without Sacrificing its Elasticity and Stiffness.



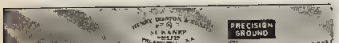
PERFORATED LANCE TOOTH
No. 124

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center inches	6¼	6¼
Weight Each, lbs	6¾	8
Each, Without Handles	$8.00	9.70



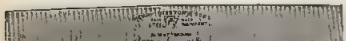
BUZZ; COTTON PATTERN
No. 470

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5¾	6
Weight Each, lbs	5¼	8
Each, Without Handles	$11 90	13 90



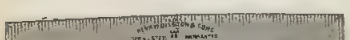
SUWANEE
No. 495

Length, feet	5½
Gauge	14x20
Width at Center, inches	6¼
Weight Each, lbs	6¾
Each, Without Handles	$11 90



CHAMPION TOOTH
No. 152

Length, feet	5½	6
Gauge	14x16	14x16
Width at Center, inches	7¼	7½
Weight Each, lbs	7	7½
Each, Without Handles	$6.80	7.30



PLAIN TOOTH
No. 162

Length, feet	5½
Gauge	14x16
Width at Center, inches	7
Weight Each, lbs	7
Each, Without Handles	$6.80

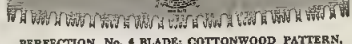
CROSS-CUT SAWS

E. C. ATKINS & CO.

Each Blade is Evenly Tempered, Carefully Ground, Sharpened and Set; Polished and Etched; Segment Grinding Consists in Grinding Away the Central Portion of the Plate, Extending from the Back to Within About Two Inches of the Cutting Edge, Leaving the Saw Strong at the Ends and Allowing for Wear on the Tooth Side

PERFECTION LANCE TOOTH, PERFORATED
Made in Silver Steel Only
No. 5

Length, feet	5½	6
Gauge	15x20	14x20
Width at Center, inches	6¾	7
Weight Each, lbs	5½	7
Each, Without Handles	$11 90	13.90

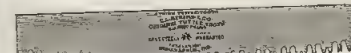


PERFECTION, No. 4 BLADE; COTTONWOOD PATTERN, LANCE TOOTH, PERFORATED
Narrow Width, for Cutting Cottonwood and Other Soft Woods
Silver Steel
No. 4

Length, feet	5½	6
Gauge	15x20	14x20
Width at Center, inches	5¾	6
Weight Each, lbs	5	6
Each, Without Handles	$11.90	13 90

LONE STAR; DIAMOND TOOTH
Special Steel
No. 293

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	5½	5¾
Weight Each, lbs	4½	5½
Each, Without Handles	$8 10	8 70



TUTTLE TOOTH; Special Steel
No. 333

Length, feet	5½	6
Gauge	15x19	14x10
Width, Center, inches	6¼	7
Weight Each, lbs	5¼	7
Each, Without Handles	$9 00	9.70

VICTOR PERFECTION LANCE TOOTH, PERFORATED.
Recommended Especially for Bucking.
No. 225

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	6¾	7
Width at Ends, inches	3¼	3¼
Weight Each, lbs	6¾	7
Each, Without Handles	$9.60	9.70

All Above Saws Wood Stripped on Cutting Edge, We Ship All Cross-Cut Saws Nailed to Boards.

TRADE MARK REGISTERED **SHAPLEIGH'S** IN THE U. S. PAT. OFFICE
ESTABLISHED 1843
ST. LOUIS, U.S.A.

Method of Packing Cross Cut Saws

APPLIES TO ALL

DIAMOND EDGE

SHAPLEIGH HARDWARE CO. TRADE DE MARK DIAMOND EDGE

TRADE MARK REGISTERED IN THE U.S. PATENT OFFICE

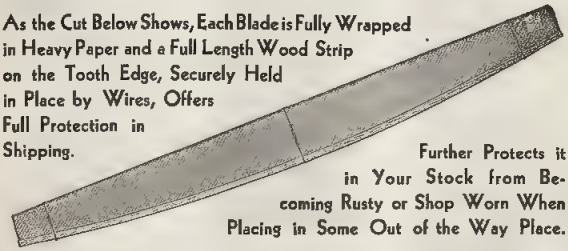
BRIDGE TOOL CO'S.

Bridge TRADE MARK

REGISTERED IN THE U.S. PATENT OFFICE

WIDE, NARROW AND ONE MAN

As the Cut Below Shows, Each Blade is Fully Wrapped in Heavy Paper and a Full Length Wood Strip on the Tooth Edge, Securely Held in Place by Wires, Offers Full Protection in Shipping.



Further Protects it in Your Stock from Becoming Rusty or Shop Worn When Placing in Some Out of the Way Place.

A SAVING IN CARRIER CHARGES
YOU PAY ONLY ON THE ACTUAL WEIGHT OF A SAW

DIAMOND EDGE CROSS CUT SAWS

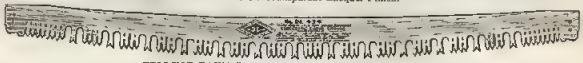
Are Made of Strictly High Grade Saw Steel; Oil Tempered. The Grinding, Polishing, Set and Filing is of the Highest Workmanship Possible to Put in Any Saw

CROSS-CUT SAWS

*SIMPLEX DIAMOND EDGE
TRADE MARK REG IN THE U. S PAT OFFICE

CONCENTRIC CURVE GROUND
(REG STERED)

The Blades are Strictly High Grade Saw Steel, Carefully Tempered in Oil, They are Ground so that the Gauge Diminishes in Concentric Curves From 14 Gauge at Teeth to .17 to 19 or 20 Gauge at Case may be" at Back, Leaving Both Edges Stiff and Prevents Buckling Teeth Hand Filed and Set Finished in New Transparent Lacquer Finish.



FELLING PATTERN –LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DE424

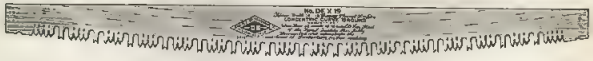
Length, feet	5½	6
Gauge	14x17	14x17
Width at Center, inches	4½	4¼
Weight Each, lbs	5	5¾
Each, Without Handles	$9 60	10 50

FELLING PATTERN LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No DE588

Length, feet	5½	6
Gauge	15x20	14x19
Width at Center, inches	5⅛	6¼
Weight Each, lbs	5	5¾
Each, Without Handles	$9 60	10 50

LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DE1419

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	6¼	6¼
Weight, Each, lbs	5¾	6¼
Each, Without Handles	$9 60	10 50



COTTONWOOD PATTERN LANCE TOOTH PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DEX19

Length Feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5¾	6
Weight Each, lbs	5¾	6
Each, Without Handles	$9 60	10.50

DIAMOND TOOTH PERFORATED
Two Cutting Teeth to Each Raker Tooth
Polished and Etched
No. DEX14

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5¾	6
Weight Each, lbs	5¾	6½
Each, Without Handles	$9 60	10 50

Each Above Saw Blade Individually Paper-Wrapped, With Wood Strip on Tooth Edge the Full Length

SHAPLEIGH'S TRADE MARK REG. DIAMOND EDGE IN U. S. PAT. OFFICE

CROSS-CUT SAWS

★SHAPLEIGH'S BRIDGE

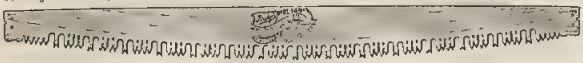
CONCENTRIC CURVE GROUND

(REGISTERED)

★SHAPLEIGH'S Bridge REG. IN THE U. S. PAT. OFFICE

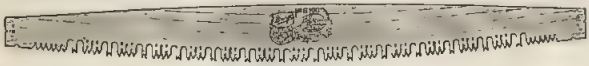
★SHAPLEIGH'S Bridge REG. IN THE U. S. PAT. OFFICE

Made of Extra Quality Saw Steel, Carefully Tempered in Oil, They are Ground so that the Gauge Diminishes in Concentric Curves from 14 Gauge at Teeth to "18 or 21 Gauge as Case May Be" at Back Leaving Both Ends Straight and Prevents Bucking. Teeth Hand Filed and Set



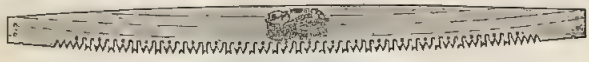
COTTONWOOD PATTERN—LANCE TOOTH—PERFORATED
Four Cutting Teeth to Each Raker Tooth
Polished and Etched
No. BL148

Length, feet	5½	6	6½
Gauge	14x19	14x19	14x19
Width at Center, inches	5¾	5¾	6¼
Weight Each, lbs.	4¾	5	5 50
Each, Without Handles	$7.30	8.30	8 80



LANCE TOOTH—PERFORATED
Four Cutting Teeth to Each Raker Tooth
No. B100

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	6¼	7
Weight Each, lbs.	5½	7
Each, Without Handles	$7.20	8 00

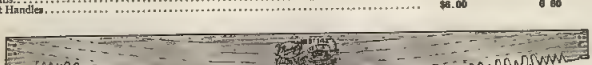


DIAMOND TOOTH -PERFORATED
Two Cutting Teeth to Each Raker Tooth
No. BDP151

Length, feet	5¼	6
Gauge	14x19	14x19
Width at Center, inches	5½	5¾
Weight Each, lbs.	5	5¾
Each, Without Handles	$7.00	8.30

TUTTLE TOOTH
Two Cutting Teeth to Each Raker Tooth
No. B148

Length, feet	5	5½	6
Gauge	14x18	14x18	14x18
Width at Center, inches	5¾	6¼	7
Weight Each, lbs.	5½	5½	7¼
Each, Without Handles	$6.00	6 60	7.20



TUTTLE TOOTH
Two Cutting Teeth to Each Raker Tooth
No. BT142

Length, feet	5¼
Gauge	14x20
Width at Center, inches	6¼
Weight Each, lbs.	5
Each, Without Handles	$7.70

Each Above Saw Blade Individually Paper-Wrapped, with Wood Strip on Tooth Edge the Full Length

CROSS-CUT SAWS

★SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

★SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

★SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

CONCENTRIC CURVE GROUND
(PEG STEMMED)

Made of Extra Quality Saw Steel; Carefully Tempered in Oil; They are Ground so that the Gauge Diminishes in Concentric Curves from 14 Gauge at Teeth to "18 or 21 Gauge as Case May Be" at Back, Leaving Both Ends Stiff and Prevents Buckling, Teeth Hand Filed and Set.

PLAIN TOOTH—THIN BACK
No. BP2

Length, feet	5	5½
Gauge	14x16	14x16
Width at Center, inches	5¾	6¼
Weight Each, lbs.	5¼	5¾
Each, Without Handles	$5 10	5.50

FELLING PATTERN LANCE TOOTH—PERFORATED
Four Cutting Teeth to Each Raker Tooth
No. BFL434

Length, feet	5½	6
Gauge	14x17	14x17
Width at Center, inches	4½	4½
Weight Each, lbs.	5	5¼
Each, Without Handles	$7 50	8 60

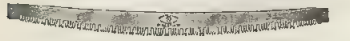
FELLING PATTERN LANCE TOOTH—PERFORATED
Four Cutting Teeth to One Raker Tooth.
No. BFL558

Length, feet	5½	6
Gauge	14x19	14x19
Width at Center, inches	5⅜	5¾
Weight Each, lbs.	5	5¼
Each, Without Handles	$7 50	8 60

Each Above Saw Blade Individually Paper-Wrapped, with Wood Strip on Tooth Edge the Full Length.

HENRY DISSTON & SONS

Made of High Quality Electric Alloy Steel, Perfectly Tempered, Carefully Sharpened and Set; Polished and Etched; Ground to an Even Gauge Throughout the Tooth Edge, with a Relative and Uniform Thickness Throughout the Body to an Extra Thin Edge at Back Edge, Giving the Saw a Maximum Amount of Clearance without Sacrificing its Elasticity and Stiffness.



PERFORATED LANCE TOOTH
No. 472

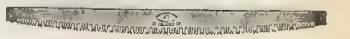
Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	5⅛	5¾
Weight Each, lbs.	5	5¼
Each, Without Handles	$9 00	9.70

Loose

PERFORATED LANCE TOOTH
No 484

Length, feet	5½	6
Gauge	14x18	14x18
Width at Center, inches	6¾	6
Weight Each, lbs.	6	6¾
Each, Without Handles	$9.00	9.70

Loose



PERFORATED LANCE TOOTH
No. 483

Length, feet	5½	
Gauge	11x17	
Width at Center, inches	4⅛	
Weight Each, lbs.	6	
Each, Without Handles	$9 00	

Loose

SHAPLEIGH'S POINTERS

DEALERS WHO KNOW SAWS
ALWAYS
SELL MORE SAW TOOLS
THAN THOSE WHO DON'T.
IT PAYS.

LAWN MOWERS

PENNSYLVANIA JUNIOR

"The Best Lawn Mower Made."

High Wheel; Ball Bearing; Train of Gears, 10 inch Drive Wheels; 5 Blades.

Wheels 10 inches; reel 6 inches with five crucible tool steel blades, oil hardened and tempered. Extra wide. Raised edge bottom blade.

Braun self-aligning ball bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock. Three machine cut gears on both sides, encased in dirt-proof housings. Two steel pawls in each wheel.

Staytite wood handle is adjustable. Any shrinkage of the wood is taken up by tightening the two bolts holding the steel clamps.

Finished in green with gold bronze and red trim.

Nos.	PJ-15	PJ-17
Width of cut, in.	15	17
Weight each, lbs.	71	74
Each	$48.95	50.55
Nos.	**PJ-19**	**PJ-21**
Width of cut, in.	19	21
Weight each, lbs.	79	82
Each	$53.65	62.40

One in a box.

PENNSYLVANIA GREAT AMERICAN

High Wheel; Ball Bearing; 10 Inch Drive Wheels; 5 Blades

Wheels 10 inches; reel 6 inches with five crucible tool steel blades, oil hardened and tempered. Extra wide. Raised edge bottom blade.

Braun self-aligning ball bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock. Internal gear on each wheel. Steel wheel axle screwed and bolted to side plate.

Staytite wood handle is adjustable. Any shrinkage of the wood is taken up by tightening the two bolts holding the steel clamps.

Finished in gold bronze with red and aluminum trim.

Nos.	PGA-15	PGA-17
Width of cut, in.	15	17
Weight each, lbs.	67	69
Each	$33.00	37.50
Nos.	**PGA-19**	
Width of cut, in.	19	
Weight each, lbs.	73	
Each	$42 00	

One in a box.

PENNSYLVANIA SOUTHERN QUEEN

Ball Bearing; 10 Inch Drive Wheels; 5 Blades

Wheels 10 inches; reel 6 inches with five crucible steel blades. Automatic spring adjustment on cylinder cones, to take up wear. Spring steel lower blade, screwed to underside of casting, with accurate set screw adjustment.

Staytite wood handle is adjustable. Any shrinkage of the wood is taken up by tightening the two bolts holding the steel clamps.

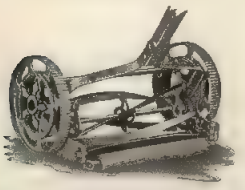
All parts are accurately machined and fitted, insuring quiet action and smooth running.

Finished in gold bronze with red trim.

Nos.	PSQ16	PSQ18
Width of cut, in.	16	18
Weight each, lbs.	42	47
Each	$21 00	21.90

One in a box.

PENNSYLVANIA KLIFTON 4



High Wheel; Ball Bearing, 10 Inch Wheels; 4 Blades

Wheels 1 inches, reel 6 inches with four crucible steel blades. Automatic spring adjustment on cones. Spring steel lower blade screwed to underside of casting.

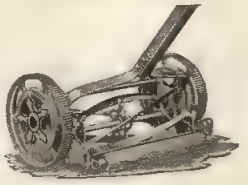
Staytite wood handle is adjustable. Any shrinkage of the wood is taken up by tightening the two bolts holding the steel clamps

Finished in gold bronze with red trim

Nos.	PK-4-14	PK-4-16	PK-4-18
Wth. cut, in.	14	16	18
Wt. ea., lbs.	46	48	50
Each	$16.44	16.98	17.94

One in a box.

PENNSYLVANIA KLIFTON 5



High Wheels; Ball Bearing; 10 Inch Drive Wheels; 5 Blades

Wheels 10 inches; reel 6 inches with five crucible steel blades. Automatic spring adjustment on cones. Spring steel lower blade screwed to underside of casting

Staytite wood handle is adjustable. Any shrinkage of the wood is taken up by tightening the two bolts holding the steel clamps.

Finished in gold bronze with red trim.

Nos.	PK-5-16	PK-5-18
Width of cut, in.	16	18
Wt. each, lbs.	52	54
Each	$18 00	18.90

One in a box.

PENNSYLVANIA UNDERCUT TRIMMERS

Ball Bearing; 9½ Inch Drive Wheels; 4 Blades

Cuts under a fence or rock-cut base of tomb stones, house foundations and other places hitherto out of reach of anything but hand shears.

The slanting side plate and conical cylinder make it possible to cut all grass left by the regular style of lawn mower.

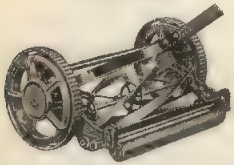
Finished in green with gold bronze and red trim.

Each

No. 5½—Width of cut 5½ in.; weight each 34 lbs. $24 50

One in a box

LAWN MOWERS
GREAT STATES FULL UNBREAKABLE



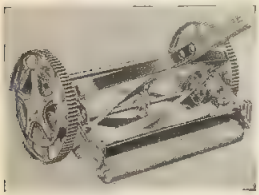
Ball Bearing, 10¼ In. Drive Wheels; 5 Blades

Wheels 10¼ in.; a solid unbreakable mower. Self-adjusting ball bearing reel; roller bearings in wheels; alloy steel cutting unit; special cutter bar.

Finished in two-tone green.

Nos.	GFU-16	GFU-18
Width of cut, in.	16	18
Wt. each, lbs.	53	55
Each	$31 00	32.00

GREAT STATES SENATOR UNBREAKABLE



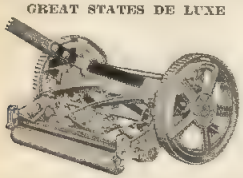
Ball Bearing; 10 Inch Drive Wheels; 5 Blades

Wheels 10 in.; full self-adjusting ball bearings. Five alloy steel cutting blades; special raised, rolled edge cutter bar. Full unbreakable mower.

Finished in white enamel with blue trim.

Nos.	GSU-16	GSU-18
Width of cut, in.	16	18
Wt. each, lbs.	43	45
Each	$24.00	25.00

GREAT STATES DE LUXE



Ball Bearing, 10¼ in. Drive Wheels; 5 Blades

Wheels 10¼ in : self adjusting ball bearing assembly; alloy steel cutting unit

Finished in Ivory with Blue Trim.

Nos.	GD-16	GD-18
Width of cut, in.	16	18
Wt each lbs	43	45
Each	$22.00	24.00

All above, one in a box.

LAWN MOWERS
GREAT STATES JUNIOR

Ball Bearing; 8 Inch Drive Wheels; 4 Blades

Wheels 8 in.; self adjusting ball bearing assembly consists of nine high-grade heat treated balls, a ball retainer a heat treated and hardened steel ball cup, ground finish, cone perfectly fitted to shaft, spring of proper tension and dust cap Special, raised, rolled edge cutter bar

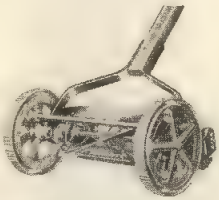
A small mower patterned after the larger models

Finished in gold bronze with green and red trim.

Nos.	GJ-14	GJ-16
Width of cut, in..	14	16
Wt. each, lbs.	33	35
Each	$14 40	14.70

One in a box

GREAT STATES PLAIN BEARING



Plain Bearing; 8 Inch Drive Wheels; 3 Blades

Wheels 8 in.; this lawn mower is an outstanding value among low-priced mowers. It is guaranteed to give reliable performance and long service.

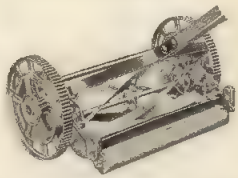
A good representation of high-class work.

Finished in silver with red trim

No.	GPB-14
Width of cut, in.	14
Wt. each, lbs.	35
Each	$12 75

One in a box

LAWN MOWERS
GREAT STATES STANDARD



Ball Bearing; 10 Inch Drive Wheels; 5 Blades

Wheels 10 in.; self-adjusting ball bearing assembly consists of nine high-grade heat treated balls, a ball retainer, a heat treated and hardened steel ball cup, ground finish, cone perfectly fitted to shaft, spring of proper tension and dust cap. Raised, rolled edge, cutter bar. Finished in gold bronze with blue and red trim

Nos.	GS-5-16	GS-5-18
Width of cut, in	16	18
Wt each, lbs	38	40
Each	$18 00	18 90

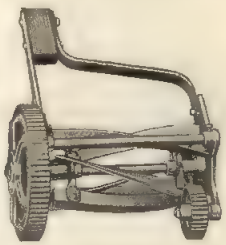
Ball Bearing; 10 Inch Drive Wheels; 4 Blades

Finished in gold bronze with green and red trim; 4 blades, otherwise same as above

Nos.	GS-4-14	GS-4-16	GS-4-18
Width cut., in.	14	16	18
Wt. each, lbs..	30	33	35
Each	$16.44	16.98	17.94

One in a box.

GREAT STATES TRIMMERS



Ball Bearing; 8 Inch Drive Wheel; 5 Blades

Drive wheel 8 in., supporting wheel 3 in. Alloy steel blades Special cutter bar with raised, rolled edge

The construction of this ideal trimmer which has an extra wheel is such that it is as easy to handle and guide in a straight line as a small lawn mower

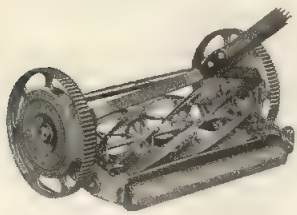
Finished in gold bronze with blue trim

Each

No. 8—Width of cut 8 in ; wt. each 28 lbs. $22 50

LAWN MOWERS

GREAT STATES VELVET GREEN



Ball Bearing, 10 In. Drive Wheels; 7 Blades

Wheels 10¼ in., self-adjusting ball bearing assembly, 12 per cent over capacity. Alloy steel cutting unit. Special rolled and raised edge cutter bar.

Finished in Green with Gold Trim.

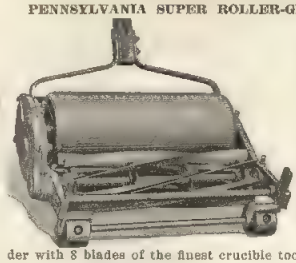
Made especially for creeping bent grass lawns and putting greens. Height of cut—⅛ in. up to 1⅛ in.

Nos.	GV-7-18
Width of cut, in.	18
Weight each, lbs.	43
Each	$34.50

One in a box.

LAWN MOWERS

PENNSYLVANIA SUPER ROLLER-GREENS MOWER



A light-weight compact precision machine is a necessity for satisfactory greens mowing. With this easy pushing mower there is no vibration to pack the green, no oil or grease to spill, no scraping the edges of the greens in turning and no complicated mechanism to get out of order.

High-speed cylinder with 8 blades of the finest crucible tool steel, oil-hardened and water tempered.

Tough aluminum alloy rollers interchangeable right or left.

Bearings are all either ball or roller, oil-tight and dust proof. Cylinder runs in the new and revolutionary Braun self-aligning ball bearings, with accurate adjustment to take up wear.

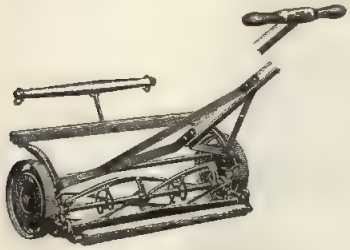
A train of 3 cut gears on hardened steel bushings, running in grease and encased in dust-tight sides. Six hardened steel pawls. Alemite lubrication throughout.

	Each
Super-Roller—18 in. width of cut; regulated between ⅛ to 1⅛ in. height of cut; 7 in. dia. rollers, shipping weight each 76 lbs.	$144.00
No. GB—Grass Box; for above; all metal, shipping wt. each 23 lbs.	18.00
No. RC—Super Roller Carriage; for Grass Box; shipping wt. each 30 lbs.	15.00

Open stock.

PONY LAWN MOWERS

RICHMOND



Specially designed for golf courses, parks, cemeteries, and large lawns.

Light running and durable, cutting a wide swath. Can be used by one man in ordinary grass. The draft attachment can be removed without trouble

Heavy heat treated, crucible steel blades, outer ones double riveted, malleable alloy. Accurate and simple set screw adjustment; hard steel pattern bed knife; patented ball bearing assembly; oversize ball bearings and pinions; case hardened pawls; extra heavy shrub rod and reel shaft; attractively finished.

Drive wheels 11 inches in diameter, reel 7 inches in diameter; 5 extra heavy reel spiders; cuts within ½ inch of the ground if desired.

	Each
No. 1914R-5—5 blades; 31 in. width of cut; shipping wt. each 136 lbs.	$132.00

Open stock

PENNSYLVANIA FAIRWAY

This improved machine consists of one of the units of the nationally known "Fairway" gang mower, fitted with seat and shaft.

Wheels are fitted each with two sets of Timken roller bearings

Cylinder has five crucible steel blades, hardened and tempered, with ball bearing journals.

Gears are cut from solid blocks, roller bearings on intermediate gear running in oil-tight housings

Grease-tight gear cases. Alemite lubrication throughout.

Bottom knife with upturn edge.

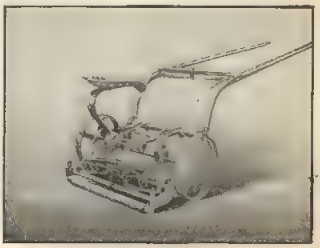
Iron roller adjusted for different heights.

Throw-out device to idle cylinder.

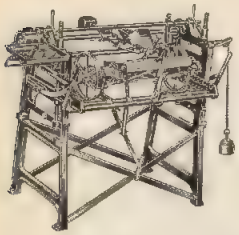
Wheels 17x2½ inches; cylinder 6¾ inches in diameter; bottom knife 30 or 36 inches in length.

	Each
No. PFP-30—5 blades; 30 in. width of cut; shipping wt. each 375 lbs.	$337 50
No. PFP-36—5 blades; 36 in. width of cut; shipping wt. each 400 lbs.	405.00

Open stock.



LAWN MOWER SHARPENERS



NEW IDEAL

Grinds all makes of hand lawn mowers with blades up to 25 inches wide without dismantling the mower. Very fast and accurate

Frame of heavy cast iron, well braced, strong and rigid, automatic feed-weight slides 5 inch grinding wheel, mounted on ball bearings, along main shaft at exactly correct speed for grinding thick or thin reel knives, producing proper bevel or clearance and perfect contact with straight blade.

Very simple to operate.

Each

No. 100—With tight and loose 4 in. pulleys, for 1¾ in. belt; belt shifter and brake, speed of pulleys 1725 R.P.M., height to center of main shaft 36 in., height over all 43 in., length over all 43 in., width over all 34 in., shipping weight each 235 lbs. ..... $.

No. 125—Same as No. 100, but with ½ H.P. General Electric motor, 60 cycles, 110 to 120 volts, with pulley, leather belt, switch, 10 ft. cord and plug, mounted on a heavy cast iron bracket, attached to an extended steel shaft and supported by a steel pipe adjustable floor flange; length over all 52 in.; width over all 38 in.; height over all 43 in.; shipping weight each 310 lbs. .....

LAWN MOWER SHARPENER ATTACHMENTS

Each

No. 150—Ideal Straight Blade Grinding Attachment; for straight blades of a lawn mower when badly worn, wavy or uneven; with 6 in. wheel, extended shaft, sliding frame and support; shipping weight each 70 lbs. ..... $.....

No. 40—Ideal Reconditioner Attachment; revolves the reel knives backward for reconditioning or lapping in with emery paste; shipping weight each 15 lbs. .....

No. 100—Ideal Special Grinding Wheel Attachment, 8 in grinding wheel on end of main shaft with steady rest for grass and hedge shears, sickles, scythes, etc.; shipping weight each 10 lbs. .....

Prices on Application

Ⓕ LAWN MOWER REPAIR PARTS

FOR GREAT STATES STANDARD MOWERS

Directions for Ordering

To insure proper filling of your orders for lawn-mower repairs—please give following information—

(1)—Name of mower.

(2)—Width of cut.

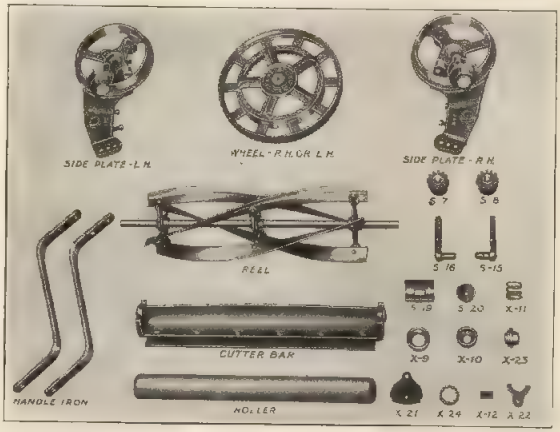
(3)—Number of blades.

(4)—Correct NAME of part—(see repair list below).

(5)—Number of part, if it is cast on part and you can read it.

(6)—If you are ordering parts for mower other than Great States Standard, use this repair list only to determine proper NAME for part wanted.

Right or left side of mower is determined by standing back of mower, as when pushing it

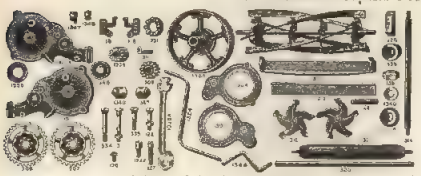


Nos.	Article	Shipping Weight	Each	Nos.	Article	Shipping Weight	Each
U-1 or B-1	Left hand side plate	5 ⅜ lbs.	$2.00	S-19	Handle socket	5 ozs.	$0.20
U-2 or R-2	Right hand side plate	5 ⅜ lbs.	2.00	S-20	Handle washer	1 oz.	.10
U-3	Great States wheels	6 ⅞ lbs.	2.00	X-18	Pinion cover	2 ozs.	.15
V-3	Neptune wheels	6 ⅞ lbs.	2.00	X-22	Wheel clip	1 oz.	.15
W-3 or D-3	Queen wheels	6 ⅞ lbs.	2.00	X-9	Ball cup	2 ozs.	.20
H-10	Wheel axles	4 ozs.	.25	X-24	Ball retainer with balls	1 oz.	.10
U-5-14	Cutter bar, 14 in.	4 ½ lbs.	2.00	X-10	Spring dust cap	1 oz.	.20
U-5-16	Cutter bar, 16 in.	5 lbs.	2.00	X-11	Reel adjusting spring	1 oz.	.20
U-5-18	Cutter bar, 18 in.	5 ¼ lbs.	2.00	X-12	Ratchet pawl	1 oz.	.60
S-8	Right hand pinion	6 ozs.	.20	X-23	Bearing cone	3 ozs.	.50
S-7	Left hand pinion	6 ozs.	.20	R-12	Reel, 5 inch, 4 blade	7 lbs.	5.00
S-15	Right hand roller arm	4 ozs.	.20	R-13	Reel, 5 inch, 5 blade	9 lbs.	5.00
S-16	Left hand roller arm	4 ozs.	.20		Wood handle and grip	3 lbs.	1.50
					Wood roller	2 lbs.	.50
					Handle irons, per pair	3 lbs.	.50

NOTE—Goods Marked Ⓕ Not Carried in Stock but Shipped Direct From Factory.

Ⓡ LAWN MOWER REPAIR PARTS

FOR PENNSYLVANIA JUNIOR, HIGH WHEEL MOWER



Directions for Ordering

To insure proper filling of your orders for lawn mower repairs—please give following—

(1)—Name of mower.
(2)—Width of cut.
(3) —Number of blades.
(4)—Correct NAME of part (see repair list below).
(5)—Number of part if it is cast on part and you can read it.
(6)—If you are ordering parts for mower other than Pennsylvania Junior use this repair sheet only to determine proper name of part wanted.

Right or left side of mower is determined by standing back of mower as when pushing it.

Nos.	Article	Shipping Weight	Each
1301-23	Left Hand Side Plate, with Stud	6 lbs.	$3.50
1302-23	Right Hand Side Plate, with Stud	6 lbs.	3.50
1303-23	Left Hand Shield	2¼ lbs.	1.50
1304-23	Right Hand Shield	2¼ lbs.	1.50
203	Machine Screw to fasten the Bottom part of Shield, ¼x⅝	6 lbs.	.05
1305-23	Driving Wheel, regular style	1 oz.	2.50
W1305-23	Driving Wheel, 2¼ in. wide thread	9 lbs.	3.50
1306	Left Hand Master Gear, 1⅛ Hole	2 lbs.	1.40
1307	Right Hand Master Gear, 1⅛ Hole	2 lbs.	1.40
1308	Intermediate Gear (both alike), ⅝ Hole, 20 Cogs	4 ozs.	.50
1309	Pinion (both alike), ⅝ Hole, 13 Cogs	4 ozs.	.50
1311	Bushing for Intermediate Gear, each	2 ozs.	.40
1116-23	Cast Back for Sta. Knife, 15 in.	3¼ lbs.	1.75
	Cast Back for Sta. Knife, 17 in.	4 lbs.	2.00
	Cast Back for Sta. Knife, 19 in.	4½ lbs.	2.25
	Cast Back for Sta. Knife, 21 in.	5½ lbs.	2.50
1313	Steel Stationary Blade, 15 in.	1 lb.	1.25
	Steel Stationary Blade, 17 in.	1¼ lbs.	1.35
	Steel Stationary Blade, 19 in.	1½ lbs.	1.50
	Steel Stationary Blade, 21 in.	1⅝ lbs.	1.70
1314	Shaft for Frame, 15 in. (14⅞)	2 lbs.	.90
	Shaft for Frame, 17 in. (16⅞)	2½ lbs.	1.00
	Shaft for Frame, 19 in. (18⅞)	2¾ lbs.	1.10
	Shaft for Frame, 21 in. (20⅞)	2½ lbs.	1.20
1315-23	Cylinder, complete, 5 knives, 15 in.	7¼ lbs.	8.00
	Cylinder, complete, 5 knives, 17 in.	8¼ lbs.	9.00
	Cylinder, complete, 5 knives, 19 in	9 lbs.	10.00
	Cylinder, complete, 5 knives, 21 in	9⅝ lbs	11.00
1316	Left Hand Cylinder Head	1 lb.	2.00
1317	Right Hand Cylinder Head	1 lb.	2.00
1318	Ring for Cylinder	7 ozs.	.75
1319-23	Spiral Knife for Cylinder, 15 in	12 ozs	1.00
	Spiral Knife for Cylinder, 17 in	14 ozs.	1.10
	Spiral Knife for Cylinder, 19 in.	1 lb.	1.20
	Spiral Knife for Cylinder, 21 in	1¼ lbs.	1.30
1320-82	Shaft for Cylinder, 15 in (17⅝)	1½ lbs.	.70
	Shaft for Cylinder, 17 in. (19⅝)	1¾ lbs.	.80
	Shaft for Cylinder, 19 in. (21⅝)	2 lbs.	.90
	Shaft for Cylinder, 21 in. (23⅝)	2¼ lbs.	1.00
1321	Wood Roller, 15 in. (13½)	1¼ lbs.	.70
	Wood Roller, 17 in. (15½)	1½ lbs.	.75
	Wood Roller, 19 in. (17½)	1⅝ lbs.	.80
	Wood Roller, 21 in. (19½)	2 lbs.	.85

Nos.	Article	Shipping Weight	Each
118	Left Hand Roller Bracket	6 ozs.	$0.25
119	Right Hand Roller Bracket	6 ozs.	.25
1324	Handle Brace, 15 in. each	1¼ lbs.	.50
1324	Handle Brace, 17 in. each	1½ lbs.	.60
	Handle Brace, 19 in. each	1½ lbs.	.70
	Handle Brace, 21 in. each	1⅝ lbs.	.80
1325	Wood Handle, with Steel Clamp	3¼ lbs.	1.50
121	Steel Pawl, ½ in. wide	1 oz.	.10
23	Steel Pin for Pinion, ⅛x⅞	1 oz.	.05
1332	Set Screw for fastening Cylinder Head to Shaft, sq. h., ⅜ x ½	1 oz.	.05
P87	Flat Head Machine Screw for Stationary Blade, ¼ x ⅜	1 oz.	.05
127	Set Screw for regulating Cast Back ⅜ x 1¼	1 oz.	.05
1334	Machine Screw for Wheel Bearing, ⅜ x 3¼, flat head	2 ozs.	.10
1335	Bolt for Bushing on Intermediate Gear, ⅜ x 1½ flat head	1 oz.	.05
1330½	Bolt for Cast Back Washer, ⅜ x 1½	1 oz.	.05
128	Bolt for Roller Bracket and Gear Box, ⅜ x 1¾	1 oz.	.05
131	Bolt for Handle Brace, ⅜ x 2½	1 oz.	.05
1338	Washer for Wheel Bearing	1 oz.	.05
C1186	Washer for Cast Back Bolt, ⅜	1 oz.	.05
1340	Washer for R. B. and Handle Bolt	1 oz.	.05
136	Hex Nut for end of Frame Shaft	1 oz	.05
1036A	Wrench	4 ozs.	.25
1344	Sharpening Crank	4 ozs.	.20
1355A	Left Hand Cone with Braun 8-Ball Retainer	5 ozs.	.80
1356A	Right Hand Cone with Braun 8-Ball Retainer	5 ozs.	.80
1357	Lock Screw for fastening left Hand Cone, ¼-20-⅞, fillister head	1 oz.	.10
1347	Eccentric Screw for adjusting Left Hand Cone, ⅜x⅝	1 oz.	.20
1358	Lock Washer for 1357 Lock Screw	1 oz.	.05
1359	Ball Cup (without balls) spherical	2 ozs.	.40
1360	Dust Cap for Ball Cup	1 oz.	.20
1362	Lock Pad (⅝ in. square)	1 oz.	.10
1348⅝	Lock Screw, for Stationary Cone, ⅝x⅞, cup point	1 oz.	.10
137	Roller Pins, each	2 ozs.	.10
1148	Steel Stud for Wheel, ⅞x2⅞	7 ozs.	.80
1353	Rivets for Cyl. Knives, ⅛x⅜	1 Set	.50
145	Handle Clamps, Steel, each	7 ozs.	.20
146	Bolt for Handle Clamps, ¼x⅝	1 oz.	.05
148	Wood Handle Grips, each	4 ozs.	.15
1044	Oil Cup	1 oz.	.10

NOTE—Goods Marked Ⓡ Not Carried in Stock but Shipped Direct From Factory.

THE MOST LOVABLE DOLL OF THEM ALL..... DUCKY DE LUXE

De Luxe in name, and truly de luxe in quality. A really remarkable doll, for not only are her body, arms and legs made of tru-life rubber, but her head is also made of the same material, and combined with sleeping eyes and lashes! She can be bathed and ducked without harm, and is altogether an outstanding and unique creation.

No.	Size	Per dozen	Each
36N465.	12¼ inches	16.50	1.50
36N466.	14¼ inches	24.00	2.25
36N467.	16¼ inches	32.00	2.95
36N468.	18½ inches	38.00	3.50

11-inch Ducky with painted eyes and rubber head.
No. 36N459. Per dozen..... **9.00**

Ducky takes to water like a duck! Her body, arms and legs are made of tru-life rubber, and she has a beautiful composition head with sleeping eyes. A Quality Doll at a Popular Price.

"Tru-Flesh" Rubber has the color and feel of baby's body, and can be washed and scrubbed without harm.

No.	Size	Per dozen	Each
36N460.	11 inches	9.25	.75
36N461.	12¼ inches	12.75	1.00
36N462.	14½ inches	16.50	1.50
36N463.	16½ inches	21.00	1.85
36N464.	18½ inches	27.00	2.50

11-inch Ducky with composition head and painted eyes.
No. 36N458. Per dozen..... **7.20**

SNOOZIE HAS JUST ARRIVED

"Snoozie," the Awakening Doll. Different—distinctive—loyable. Her face is all rosy, her eyes half shut and crinkled with sleep, her little nose puckered up, and her rose-bud mouth pursed in a tiny yawn. Hands and legs of tru-life rubber, fingers and toes bent and curved in the cutest way—body made of sanitary, washable material—light in weight—three voices. Complete with slip, bootees, rubber panties and soft, cuddly blanket. Hug her, and you can feel her soft breath on your cheek. She's alive!

No.	Size	Per dozen	Each
36N487.	16 inches	30.00	2.75
36N488.	18 inches	36.00	3.25
36N489.	20 inches	40.00	3.50

14-inch Snoozie (special) complete with blanket, rubberized cloth, legs and body, crying voice.

No. 36N486. Per dozen 16.00 | Each 1.45

Honeysuckle —

The Super Quality Rubber Doll

The Finest and Most Exquisite Rubber Doll

made today. Look at what she combine

Tru-life rubber body, arms, legs and head.

A voice in each leg.

The new and marvelous "Ideal-Eyes," those sparkling, glowing eyes, with real lashes, that not only sleep, but move from side to side as well!

Cellophane wrapped, and beautifully packed, Honeysuckle represents the utmost in quality and workmanship. No finer doll has ever been made.

No.	Size	Per dozen	Each
36N469.	12½ inches	21.00	1.85
36N470.	14½ inches	27.00	2.50
36N471.	16½ inches	36.00	3.25

Tickle Toes—The Wonder Doll

No. 36N480 No 36N479 No. 36N478

Tickletoes. As ever, the most popular and beloved Baby Doll made today. New and dainty costumes, life-like rubber arms and legs, three voices, and the famous flirting-sleeping eyes which are so loved by all children. The Doll-Gift Supreme

No.	Size	Per dozen	Each
36N478.	14½ inches	24.00	2.25
36N479.	16½ inches	30.00	2.75
36N480.	19½ inches	38.00	3.50

13¼-inch Ticklette. A dainty little thing, with her soft rubber hands, and rubber legs. She has a voice in each leg, and goes to sleep. A sure winner!

No. 36N477. Per dozen **16.00** | Each **1.50**

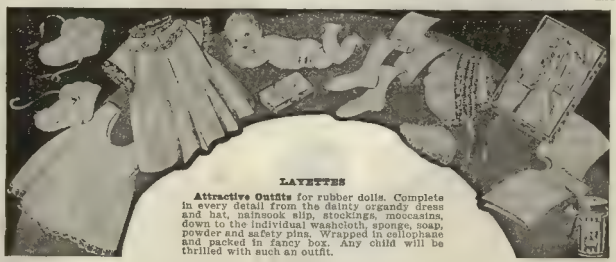
20-inch Baby Doll De Luxe! Exquisitely costumed, in the finest materials, with rubber legs and arms, three voices, and the famous new "Ideal-Eyes," the sparkling, flashing eyes, with real lashes, that sleep and flirt! For those who demand the finest.

No. 36N481. Per dozen.. **44.00** | Each.. **4.00**

Ideal's Winnie Dolls

Perfectly Charming Dolls, with body, arms and legs of genuine tru-flex rubber, that makes it possible to keep these dolls always clean and sanitary. Beautiful composition heads with sleeping eyes, and leg voices in all but the smallest size. Daintily costumed in organdy frocks, tastefully trimmed with rest of costume to match. Exceedingly popular sellers.

No.	Size	Per dozen	Each
36N482.	12 inches	16.75	1.55
36N483.	13½ inches	22.00	2.00
36N484.	16 inches	26.00	2.35
36N485.	18 inches	32.00	2.95



LAYETTES

Attractive Outfits for rubber dolls. Complete in every detail from the dainty organdy dress and hat, nainsook slip, stockings, moccasins, down to the individual washcloth, sponge, soap, powder and safety pins. Wrapped in cellophane and packed in fancy box. Any child will be thrilled with such an outfit.

No.		Per dozen	Each
36N472	to fit 11-inch Baby Doll	6.00	.55
36N473	to fit 12½-inch Baby Doll	7.00	.65
36N474	to fit 14½-inch Baby Doll	8.00	.75
36N475	to fit 16½-inch Baby Doll	9.00	.80
36N476	to fit 18½-inch Baby Doll	10.00	.90

Baby Dolls

18 Inch Baby Doll. Composition arms and legs, moving eyes, cotton stuffed body, voice, white organdie dress with hat to match. Bloomers, shoes and stockings. Packed each in box.
No. 36N330. Per dozen.. ... 8.25

17 Inch Baby Doll. Moving eyes. Composition head, legs and arms Organdy dress, cap to match, petticoat and rubber pants, cotton stuffed body, crying voice, shoes and stockings. Packed each in box.
No. 36N331. Per dozen..... 10.80
Each 1.00

20 Inch Baby Doll. Stuffed body, voice, composition head, arms and legs. Moving eyes, eyelashes, and open mouth, tongue and teeth. Booties, socks, rubber panties, slip, and organdy dress ruffled to match bonnet. Packed each in box.
No. 36N332. Per dozen..... 15.00
Each 1.35

24 Inch Baby Doll. Stuffed body, voice, composition legs, arms and head. Moving eyes, eyelashes, and open mouth, tongue and teeth. Organdy dress and bonnet trimmed with ribbons and ruffles, leatherette booties, socks, rubber panties, a nainsook slip. Packed each in box.
No. 36N333. Per dozen..... 18.00
Each 1.65

26 Inch Baby Doll. Cotton stuffed body, voice, moving eyes and lashes Composition head, legs and arms. Organdy dress, lace trimmed, with cap to match, rubber pants, moccasins and cotton stockings. Packed each in box.
No. 36N334. Per dozen..... 21.00
Each 1.85

26 Inch Baby Doll. Stuffed body, voice, composition head, arms and legs. Moving eyes, eyelashes, and open mouth, tongue and teeth. Leatherette booties, socks, rubber panties, slip, organdy dress and bonnet trimmed with lace and embroidery. Packed each in box.
No. 36N335. Per dozen. 21.00
Each 1.85

27 Inch Baby Doll. Moving eyes with lashes, teeth and tongue. Composition jointed arms and legs. Cotton stuffed body, voice. Dressed in assorted colored organdy trimmed with contrast colored pipings, ruffled bonnet to match. Slip, white underwear, rubber bloomers, socks and moccasins. Packed each in box.
No. 36N336.
Per dozen..... 24.00
Each 2.25

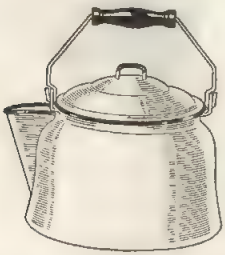
28 Inch Baby Doll. Stuffed body, voice, composition legs, arms and head. Glass eyes, eyelashes, and open mouth, tongue and teeth. Leatherette booties, socks, rubber panties, slip and a rayon taffeta dress and bonnet, ruffled and tied with a ribbon. Packed each in box.
No. 36N337.
Per dozen .. 30.00
Each 2.75

IVORYSTONE ENAMELED WARE

IVORYSTONE.

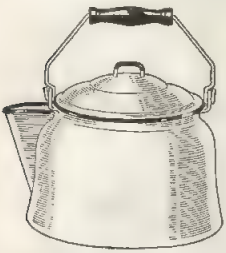
Good quality, double coated enameled ware, ivory color with green trim; attractive new shapes.

TEA KETTLES.



Seamed.

Tea Kettles	D-70K	D-80K
Actual capacity, quarts	4½	7
Size, ins	7½	9½
In carton, dozen	½	½
Weight carton, lbs	19	22
Per dozen	$25 50	27.00



Seamless; wide opening; handle supporting ears.

Tea Kettles	D-070K	D-080K
Actual capacity, quarts	4½	7
Size, ins	8½	9½
In carton, dozen	½	½
Weight carton, lbs	23	27
Per dozen	$28 50	32 50

TEA POTS.

Seamless; enameled cover and knob; new shape.

Tea Pots	D-101K	D-201K
Trade capacity, quarts	1½	2
Actual capacity, quarts	1⅔	2
Inches	6⅛	7¼
In carton, dozen	1	1
Weight carton, lbs	20½	22
Per dozen	$18 75	20 00

COFFEE POTS.

Seamed; enameled cover and knob; new shape.

Coffee Pots	D-151K	D-251K	D-351K
Trade capacity, quarts	1½	2	3
Actual capacity, quarts	1⅔	2	2¾
Inches	6¼	7	7¾
In carton, dozen	1	1	1
Weight carton, lbs	15½	19	23½
Per dozen	$15.50	16.50	18 50

COFFEE POTS.

Seamless; enameled cover and knob; new shape.

Coffee Pots	D-2501K	D-3501K
Trade capacity, quarts	2	3
Actual capacity, quarts	2	3
Inches	7⅛	7¾
In carton, dozen	1	1
Weight carton, lbs	22	26
Per dozen	$22.50	25.00

PERCOLATORS.

Seamless; bell shaped; broad flat bottoms prevent tipping.

Percolators	D-4K	D-8K	D-12K
Capacity, cups	4	8	12
Actual capacity, quarts	1⅛	2¼	3⅛
Inches	5⅛	7	8½
In carton, dozen	½	½	⅓
Weight carton, lbs.	11	17	18¼
Per dozen	$23 00	24 75	31 50

CONVEX SAUCE PANS.

Enameled cover; non-boil over pattern; hand fitting, structural handles.

Sauce Pans	D-031K	D-041K	D-061K
Trade capacity, quarts	3	4	6
Actual capacity, quarts	2¾	3¾	5
Size, ins	7¾x4⅞	8½x5½	9½x6
In carton, dozen	½	½	½
Weight carton, lbs	14	16	21
Per dozen	$13.00	14.25	18.50

ENAMELED WARE.

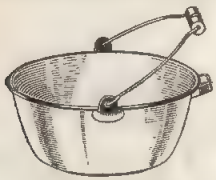
IVORYSTONE.

Good quality, double coated enameled ware, ivory color with green trim; attractive new shapes.

LIPPED SAUCE PANS.

Sauce Pans	D-16K	D-18K	D-20K
Trade capacity, quarts	2	2½	3
Actual capacity, quarts	1½	2	2¾
Size, ins	7⅛x3½	7¼x3⅜	8⅛x3⅝
In carton, dozen	2	2	2
Weight carton, lbs	11	13	15
Per dozen	$6.50	7.50	8.25

LIPPED PRESERVING KETTLES.



Wood bails, back handles.

Preserving Kettles	D-26K	D-28K	D-30K
Trade capacity, quarts	6	8	10
Actual capacity, quarts	5½	6	8
Size, ins	10⅞x4⅝	11½x4⅞	12x5⅛
In carton, dozen	1	1	1
Weight carton, lbs	27	30	34½
Per dozen	$11.50	12.50	13.50

CONVEX KETTLES.

Non-boil over pattern; wood grips; enameled covers.

Convex Kettles	D-041K	D-061K
Trade capacity, quarts	4	6
Actual capacity, quarts	3¾	5
Size, ins	8½x5½	9½x6
In carton, dozen	1	½
Weight carton, lbs	30	20
Per dozen	$14.25	18.50

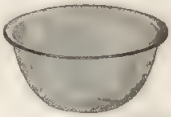
Convex Kettles	D-081K	D-0101K	D-0121K
Trade capacity, quarts	8	10	12
Actual capacity, quarts	7	9	12
Size, ins	10x5¾	10½x6½	11½x6⅝
In carton, dozen	½	½	½
Weight carton, lbs	24	28	15
Per dozen	$22.00	24.50	28.00

PUDDING PANS.

Deep.

Pudding Pans	D-100K	D-200K	D-300K	D-400K
Trade cap., qts	1	2	3	4
Act. cap., qts	1	2	2¼	3
Size, ins	7⅛x2¼	8⅛x2⅞	9¼x3	10x3⅜
In carton, dozen	3	3	2	2
Wgt. carton, lbs	22	26	21½	26½
Per doze	$4.00	5.00	5.50	6.00

MIXING BOWLS.



Deep seamless.

Mixing Bowls	D-12K	D-13K	D-15K	D-18K
Trade capacity, quarts	2	3	5	8
Actual capacity, quarts	1½	2¼	3½	6½
Size, ins	7⅛x3⅝	8¼x3⅞	9⅞x4¾	11⅛x5½
In carton, dozen	2	2	2	1
Weight carton, lbs	19	23	28½	20
Per dozen	$5.50	6.25	7.50	11.50

OBLONG STOVE PANS.

Seamless; extended edge handles.

Stove Pans	D-912K	D-914K	D-916K
Size, ins	11¾x8¾x1¾	13¾x9¼x2	15¾x9¾x2⅛
In carton, dozen	1	1	1
Weight carton, lbs	15	16½	23½
Per dozen	$9.25	10.50	12 50

DOUBLE BOILERS.

Seamless; enameled covers, with inside rims; hand fitting structural handles; large bottom bowl.

Double Boilers	D-521½K	D-531K
Trade capacity, quarts	2	2½
Actual capacity, quarts	1½	2
Size, ins	5½x5⅞	6¼x6¼
In carton, dozen	½	½
Weight carton, lbs	6	7
Per dozen	$25.00	28.00

IVORYSTONE.

Good quality, double coated enameled ware, ivory color with green trim; attractive new shapes.

WATER PAILS.

Seamless, wood grips.

Water Pails	D-110K	D-112K
Trade cap., qts.	10	12
Actual cap., qts.	9	10¼
Size, ins.	10¼x8⅜	10⅝x8¾
In carton, doz.	½	½
Wgt. carton, lbs.	18	22
Per dozen	$18.00	21.00

WINDSOR DIPPERS.

Improved round enameled handles.

Dippers	D-1110K	D-1112K
Old Nos.	110K	112K
Trade capacity, quarts	1	2
Actual capacity, pints	1¼	1½
Size, ins.	4¾x2½	5½x2¾
In carton, dozen	2	2
Weight carton, lbs	16½	18½
Per dozen	$5.00	5.50

WASH BOWLS.

Deep shape, with eylet; wide rim.

Wash Bowls	D-28K	D-30K	D-32K
Size, inches	11¼x3¼	12x3½	12½x3¾
In carton, dozen	2	2	2
Weight carton, lbs	25½	30	36
Per dozen	$6.25	7.00	7.75

OVAL DISH PANS.

Dish Pans	D-12K	D-15K
Trade cap., qts.	12	15
Actual cap., qts.	9	12
Size, inches	17⅛x13x4⅝	19x14½x5
In carton, dozen	½	½
Weight carton, lbs.	17½	23
Per dozen	$19.00	$23.00

ROUND DISH PANS.

Dish Pans	D-140K	D-170K	D-210K
Trade capacity, quarts	14	17	21
Actual capacity, quarts	11⅜	16	20½
Size, inches	16½x5	18½x5⅝	20½x5⅞
In carton, dozen	1	1	½
Weight carton, lbs	39	54	35
Per dozen	$19.00	25.75	29.00

DRINKING CUPS.

Drinking Cups	D-9K	D-10K
Trade capacity, pints	¾	1
Actual capacity, pints	½	¾
Size, ins.	3⅞x2⅛	4¼x2¼
In carton, dozen	3	3
Weight carton, lbs	9	12½
Per dozen	$3.12	3.36

SINK DRAINERS.

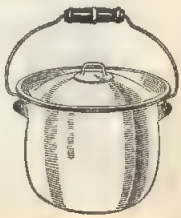
Seamless; deep; with feet.

Sink Drainers	D-7K
Size, inches	9⅞x7¾x2⅝
In carton, dozen	2
Weight carton, lbs.	30
Per Dozen	$7.75

COMBINETS.

Combination commode and slop jar; enameled covers; wood bails.

Combinets	D-40K
Trade capacity, qts.	10
Actual capacity, qts.	8
Size, inches	10⅜x8⅛
In carton, dozen	½
Weight carton, lbs.	23½
Per dozen	$17.22



ENAMELED WARE.

VOGUE.

Chromium covers; sanitary white linings; efficient shapes; built-in handles; bakelite knobs; ivory with black trim.

This line will be sold only by independent dealers.

ASSORTMENTS.

Per Assortment

No. D8-V41 Enameled Ware Assortments; consists of 41 pieces, one each of all the items in the line; weight per assortment, 98 lbs.... $43.35

OPEN STOCK.

TEA KETTLES.

Easy pour; chromium covers.

Tea Kettles	D-070V	D-090V
Capacity, quarts	5	7
Size, ins.	9	9½
In carton, dozen	¼	¼
Weight carton, lbs	12	14
Per dozen	$19 80	23 40

PERCOLATORS.

Chromium covers.

Percolators	D-061V	D-081V
Capacity, cups	6	8
In carton, dozen	½	½
Weight carton, lbs	11	13
Per dozen	$17 40	19 80

RICE BOILERS.

Chromium Covers.

Double Boilers	D-1V	D-2V
Capacity, quarts	1	2
In carton, dozen	½	½
Weight carton, lbs.	17	19½
Per dozen	$17.40	21.00

COOKING POTS.

Chromium covers.

Cooking Pots	D-31V	D-41V
Capacity, quarts	3	4
In carton, dozen	½	½
Weight carton, lbs	12	15
Per dozen	$12.00	15.00

Cooking Pots	D-61V	D-81V
Capacity, quarts.	6	8
In carton, dozen	½	½
Weight carton, lbs.	10	12
Per dozen	$17.40	23 40

BAILED KETTLES.

Chromium Covers

Bailed Kettles	D-131V	D-141V
Capacity, quarts	3	4
In carton, dozen	½	½
Weight carton, lbs.	12	15
Per dozen	$12.00	15.00

Bailed Kettles	D-161V	D-181V
Capacity, quarts	6	8
In carton, dozen	½	½
Weight carton, lbs	21	25
Per dozen	$17.40	23.40

WINDSOR SAUCE PANS.

Chromium covers.

Sauce Pans	D-10V	D-15V
Capacity, quarts	1	1½
In carton, dozen	1	1
Weight carton, lbs.	10	12
Per dozen	$9.00	10 20

Sauce Pans.	D-20V	D-30V
Capacity, quarts	2	3
In carton, dozen	1	1
Weight carton, lbs.	12½	15
Per dozen	$11.40	13.20

DEEP SAUCE PANS.

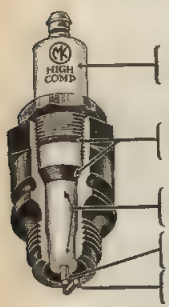
Sauce Pans.	D-012V	D-016V
Capacity, quarts.	1	2
In carton, dozen	2	2
Weight carton, lbs.	22	31
Per dozen	$4.20	5 40

Sauce Pans.	D-018V	D-020V	D-024V
Capacity, quarts	2½	3	5
In carton, dozen	2	2	1
Weight carton, lbs	36	46	25
Per dozen	$7.20	9.00	11.40

MOTOKING SPARK PLUGS

HIGH COMPRESSION

FOR HIGH SPEED MOTORS


Electreally Leak-proof Marbolo Porcelain Resists Oil Soak and withstands Intense Heat.
Extra Heavy Gaskets Seal the Plug Against Compression Leaks—But Can be Easily Removed to Take the Plug Apart.
Motoking Extended Insulator Gives Greater Efficiency.
Specially Designed Metal Alloy Electrode Reduces Fouling at Points.
Extra Large Diameter Ground Electrode Stands Up Better Under Intense Heat.

For High Compression Motors

Why it Gives Better Performance:

1 Specially Designed and Constructed for High Compression High Speed Motors.

2 Compression Tested up to 140 Pounds Air Pressure; Guaranteed Compression Leak Proof.

3 Equipped with High Speed, High Compression Type Porcelain Insulator.

4 Di-Electrically Tested Porcelain Insulator Guaranteed Electrically Leak Proof.

5 Equipped with High Speed, High Compression Extra Heavy Copper Gaskets.

6 Equipped with Especially Designed Heat Resisting Metal Alloy Electrodes.

7 Throws a Big, Powerful, Hot Spark that Breaks Down the Resistance Created by the High Compression of the Modern Motor.

8 Guaranteed; no Better Plug Made Regardless of Price.

Motoking High Compression Spark Plugs are Also Made in the Type "M" Style with Two Ground Electrodes Attached to the Shell.

Lower Operating Temperature

Reduces Porcelain Breakage

Note the Reduced Gas Space (Black Area) in the Cross Section of the Motoking High Compression Spark Plug.

The Black Area Shows the Only Space Inside the Spark Plug Shell Where Compression and Explosive Gases Can Enter When the Cylinder Fires; In the Motoking High Compression Spark Plug this Space Has Been Cut Down to the Minimum; there is no Room Left Inside the Shell for Excess Exploding Gases; Therefore, the Spark Plug Operates at a Lower Temperature, which Lessens the Resistance to the Spark and Reduces Breakage.

HOW TO SELECT THE RIGHT PLUG

For **High Compression Motors,** Use Motoking High Compression Spark Plugs.

For **Low Compression Motors,** and Motors with Weak Ignition, Use Only Motoking Oil Proof Spark Plugs.

For **Oil Pumping Cylinders**—Motors with Worn Out Piston Rings that Allow Oil to be Pumped into the Compression Chamber—Use Only Motoking Oil Proof Spark Plugs.

For **Trucks,** with High Compression Motors, Use Motoking High Compression Type "M" Double Point Plugs.

For **Trucks,** with Low Compression Motors, Use Motoking Oil Proof Type "M" Spark Plugs.

For **Trucks,** with Oil Pumping Cylinders, Use Motoking Oil Proof Type "M" Spark Plugs.

For **Tractors,** Use Motoking Oil Proof Type "M" Double Point Spark Plugs.

The Oil Proof Spark Plug is Unsurpassed for Use in Tractors.

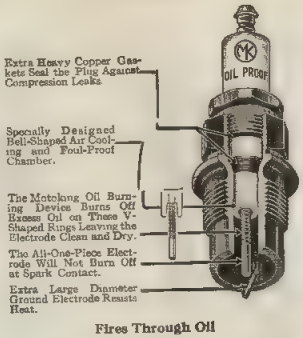
The Oil Burning Devise of the Plug Keeps the Electrodes Clean and Dry.

The Large Diameter, all One Piece Center Electrode, will Successfully Withstand the Intense Heat of the Engine.

Day in and Day Out Motoking Oil Proof Type "M" Spark Plugs Will Give More Hours of Heavy Duty Service than any Other Plugs.

Counter Display Cards will be Furnished Free if Entered on Order.

OIL PROOF


Extra Heavy Copper Gaskets Seal the Plug Against Compression Leaks
Specially Designed Bell-Shaped Air Cooling and Foul-Proof Chamber.
The Motoking Oil Burning Device Burns Off Excess Oil on These V-Shaped Rings Leaving the Electrode Clean and Dry.
The All-One-Piece Electrode Will Not Burn Off at Spark Contact.
Extra Large Diameter Ground Electrode Resists Heat.
OIL PROOF

Fires Through Oil

Points of Superiority:

1 Fires Through Oil.

2 Eliminates Cleaning Plugs.

3 Saves Time and Labor in Tractors and Stationary Engines.

4 Peps up Old Motors.

5 Spark Points Will Not Burn Off.

6 A Better Spark Plug for Low Compression Motors and Motors Requiring a Hot Spark Plug; Retains More Heat, Throws a More Powerful Spark than Ordinary Plugs.

Motoking Oil Proof Spark Plugs in the Type "M" Style with Two Ground Electrodes Attached to the Shell are Recommended for Tractor Use.

20 21 22 23 24 25

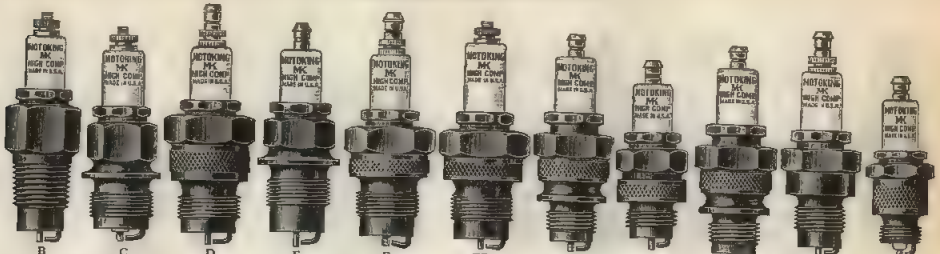
Terminal Top Nuts

SHAPLEIGH'S POINTERS

The Right Plug is Vital—
The Clerk who
Studies this Page
will
Know the Right Plug.

MOTOKING HIGH COMPRESSION SPARK PLUGS

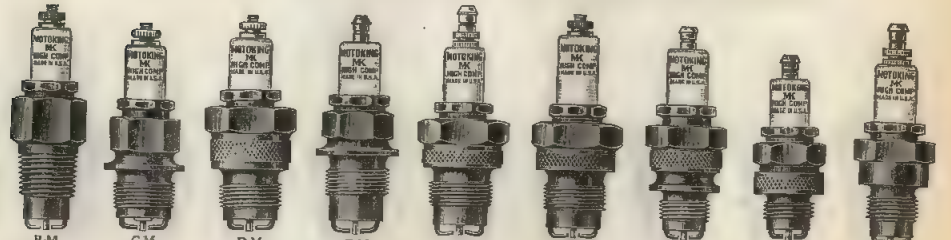
For Every Size and Type of Motoking High Compression Spark Plug Shown on this Page, There is a Corresponding Size and Type of Motoking Oil Proof Spark Plug, Except the 14 MM Plug is Furnished in the High Compression Type Only.



B 15/16 inch Hex 1/2 inch Extension | C 1/2 inch Hex 1/4 inch Regular | D 1 1/2 inch Hex 1/2 inch Regular Long Body | E 1/2 inch Hex 1/8 inch Extension | F 1 1/2 inch Hex 1/4 inch Extension | FF 1 1/2 inch Hex 1/8 inch Extension | G 1 inch Hex Metric Regular | GB 1/2 inch Hex Metric Regular | GX 1 inch Hex Metric Regular | H 1 inch Hex Metric Extension | 14 MM

	Each
No. B-HC—1/2 inch Extension, (Model "T" Ford)	$0.70
No. C-HC—1/4 inch Regular	.70
No. D-HC—1/2 inch Regular, Long Body	.70
No. E-HC—1/8 inch Extension	.70
No. F-HC—1/4 inch Extension (Chevrolet Four) Up to 1932 Inclusive	70
No. FF-HC—1/8 inch Extension (Models "A", "V8" and "B4" Ford)	.70
No. G-HC -Metric Regular (Chevrolet 6, 1932 and Prior); (Ford "V8", 1933-34)	.70
No. GB-HC—Metric Regular	.70
No. GX-HC—Metric Regular (Electrodes in Skirt of Plug)	.70
No. H HC—Metric Extension	.70
No. 14MM-HC —14 MM (1933 Chevrolet, Chrysler, Essex, Terroplane, Pontiac 8, Plymouth, etc.	.70

MOTOKING HIGH COMPRESSION TYPE "M" SPARK PLUGS



B-M 15/16 inch Small Hex 1/2 inch Extension | C-M 1/2 inch Small Hex 1/4 inch Regular | D-M 1 1/2 inch Large Hex 1/2 inch Regular Long Body | E-M 1/2 inch Hex 1/8 inch Extension | F-M 1 1/2 inch Large Hex 1/4 inch Extension | FF-M 1 1/2 inch Hex 1/8 inch Extension | G-M 1 inch Small Hex Metric Regular | GB-M 1/2 inch Hex Metric Regular | H-M 1 inch Hex Metric Extension

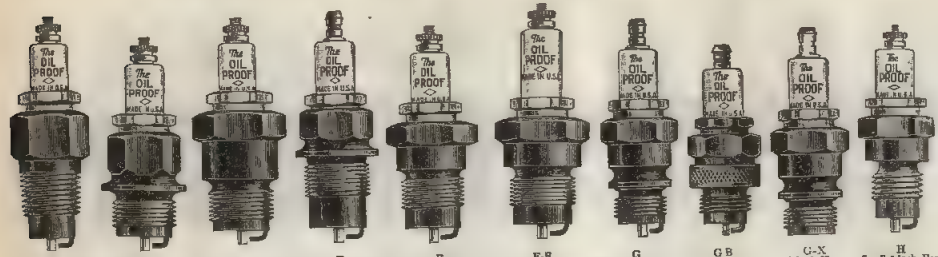
	Each
No. BM-HC—1/2 inch Extension (Fordson Tractor)	$0 70
No. CM HC—1/4 inch Regular	.70
No. DM-HC—1/2 inch Regular, Long Body	.70
No. EM HC—1/8 inch Extension	.70
No. FM-HC—1/4 inch Extension	.70
No. FFM-HC—1/8 inch Extension	.70
No. GM HC—Metric Regular	.70
No. GBM-HC—Metric Regular	.70
No. HM HC—Metric Extension	.70

All Plugs Packed 12 of a Size in a Display Carton, Each Plug in a Box; Weight per Carton of 12 Plugs 3 1/2 lbs.

See Chart for Proper Plugs to Use.

MOTOKING OIL PROOF SPARK PLUGS

On Account of the Construction of the Electrode it is Not Necessary for the Dealer to Carry a Large Variety of Plugs of the Same Thread Sizes.



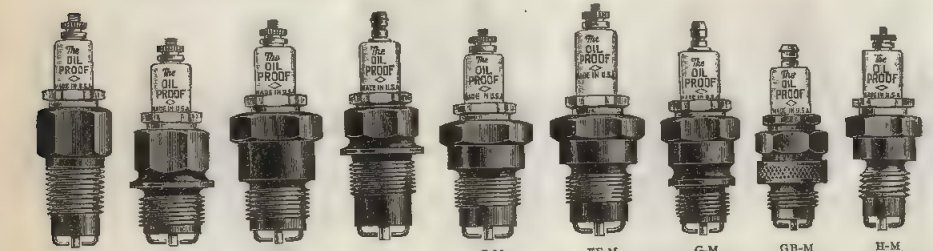
B	C	D	E	F	F-F	G	GB	G-X	H
Small 11/16 inch Hex.; ½ Inch Extension	Small ⅞ inch Hex ⅞ Inch Regular	Large 1 1/16 inch Hex ⅞ Inch Regular Long Body	Small ¼ inch Hex ⅞ Inch Extension	Large 1 1/16 inch Hex ⅞ Inch Extension	Large 1 1/16 inch Hex ⅞ Inch Extension	Small 1 inch Hex Metric Regular	⅜ Inch Hex Metric Regular	1 inch Hex Metric Regular	Small 1 Inch Hex Metric Extension

	Each
No. B-OP—½ Inch Extension (Model "T" Ford)	$0.70
No. C-OP—⅞ Inch Regular	.70
No. D-OP—⅞ Inch Regular, Long Body	.70
No. E-OP—⅞ Inch Extension	.70
No. F-OP—⅞ Inch Extension (Chevrolet 4) Up to 1932 Inclusive	.70
No. FF-OP—⅞ Inch Extension (Models "A", "V8" and "L4" Ford)	.70
No. G-OP—Metric Regular (Chevrolet 6) (Ford "V8", 1933-34)	.70
No. GB-OP—Metric Regular	.70
No. GX-OP—Metric Regular (Electrodes in Skirt of Plug)	.70
No. H-OP—Metric Extension	.70

Weight per Carton, 3½ lbs.; One in a Box; Twelve in a Display Carton

MOTOKING OIL PROOF TYPE "M" SPARK PLUGS

Magneto Type Plugs for Use on Trucks, Tractors, Motor Boats, Washing Machines, Stationary Engines, Etc.



B-M	C-M	D-M	E-M	F-M	FF-M	G-M	GB-M	H-M
Small 11/16 inch Hex ½ Inch Extension	Small ⅞ inch Hex ⅞ Inch Regular	Large 1 1/16 inch Hex ⅞ Inch Regular Long Body	Small ¼ inch Hex ⅞ inch Extension	Large 1 1/16 inch Hex ⅞ Inch Extension	Large 1 1/16 inch Hex ⅞ inch Extension	Small 1 inch Hex Metric Regular	⅜ inch Hex Metric Regular	Small 1 inch Hex Metric Extension

	Each
No. BM-OP—½ Inch Extension (Fordson Tractor)	$0.70
No. CM-OP—⅞ Inch Regular	.70
No. DM-OP—⅞ Inch Regular, Long Body	.70
No. EM-OP—⅞ Inch Extension	.70
No. FM-OP—⅞ Inch Extension	.70
No. FFM-OP ⅞ Inch Extension	.70
No. GBM-OP—Metric Regular	.70
No. GM-OP—Metric Regular	.70
No. HM-OP—Metric Extension	.70

Weight per Carton, 3½ lbs.; One in a Box; Twelve in a Display Carton

See Chart for Proper Plugs to Use.

MOTORING HIGH COMPRESSION, OILPROOF AND LINCOLN SPARK PLUG CHART

PASSENGER CARS

Motoking, and Oil-proof Spark Plug Size	Motoking, andOil-proof Spark Plug Size
Name and Models	Name and Models
Auburn . . . D	Nash, Adv and Spec. 6 to '29. . E
Auburn 12 cyl. . G	Nash, Other
Austin . . . . . G	Mod to '29 . D
Buick to '29 . . E	Nash, Adv and Spec. 6 '29 and '30 . . . . GB
Buick from '28. GB	Nash, Other 6's '30 to '34 . . G
Cadillac to '29. . D	Nash, Big 6, 12-20, '34, 14mm
Cadillac from '28. G	Nash, Early 9-60 9-70, 12-80 and 8-90, 10-80, 10-80 14mm
Case. . . . . D	Nash, 6-cyl 1930, 8-90, 9-90, 10-90, 11-90, 12-90 . . . . GB
Chevrolet 4 . . . F	Nash, 8-70, 9-70, 10-70, 11-80, 11-70. . . . . G
Chevrolet 6 to '33 . . . . G	Oakland to '30. . F
from '32. 14mm	Oakland from '31 . . . . G
Chrysler to '30. D	Oldsmobile to '27 . . . . E
from '29 to 7/1/31 . . G	Oldsmobile 1927. C
from . . . G 7/1 31 . .14mm	Oldsmobile from '27 . G
Continental . . G	Overland 4 . . . B
Cord . . . . . G	Overland 6 . . . B
Cunningham WI . . . G	'32, '33, '34 14mm
Other Models. . D	Peerless . . . . G
DeSoto to '32 . G	Packard to '26 . D
from 31 14mm	Packard from '25. P
Devaux . . . . . F	Packard
Dodge 4 . . . . F	7 1 31 . . .14mm
1928, 6 cyl . . D	Page . . . . . D
Senior 6 . . . D	Peerless to '30 . D
6-29, '30, '31 . G	Peerless 125. . H
183. . 8 cyl . . G	Pierce Arrow, Model 81 and from '29 . G
'32, '33, '34 14mm	Pierce Arrow, Other Models. D
Deusenberg . . C	Plymouth to '29 . . D
Durant 70, 130, 140, 612, 614, 617, 619, 670 . G to '30 and 610. D	Plymouth, from '29 to '31 incl. G
Elcar to '28. . . C	Plymouth, from '31 .14mm
from '27. . . . F	Pontiac to '29 incl . . . D
1930-140. . . . D	Pontiac from '29 to '32 . . C
Erskine . . . . D	Pontiac from '33 .14mm
Essex 6 to '33. . G	Reo to '27 . . . B
Essex Terraplane. . . 14mm	Reo to '29 . . . C
Falcon C	Reo from '27 . . G
Ford Model T. .B	Reo Speedwagon . . . . F
Ford Model A and other Models to '33 . . . . FP	Reo Flying Cloud . . . . D
Ford 8 cyl, 1932, 1934 . . G	Rockne '32 . . . D
Franklin to '28. . C	Rockne '33 . . . G
from '27 . . . G	Rollis Royce . . . G
Gardner . . . . . D	Roosevelt . . . . D
Graham Paige 6 . . . . F	Ruxton . . . . . G
8 . . . . . E	Reo to '27 . . . B
Graham 6 cyl. & 8 in Mod 42 and 149 . . F	Reo 1927 . . . C
Graham 8 cyl. Model 45 . . . G	Reo from '27 . . G
Other Models . G	Rockne Knight . . C
Hudson to '34. . G	Rockne '33 . . . G
Hudson Super 6 '33 . . . . .14mm	Rollis Royce . . . G
Hudson 6 and 8 '34. . . .14mm	Roosevelt . . . . D
Hupmobile 6 and 8 to '28 . . . . F	Ruxton . . . . . G
Hupmobile 6 '28 to '30 . . . . F	Stearns-Knight . . D
Hupmobile 6 from '29 . . . . G	Studebaker, 1927 Models and 1928 Cmd. and Spl. . . . F
Hupmobile 8 from '27 . . G	Studebaker '28, '29, '30, '31 . . . . D
Jewett . . . . . D	Studebaker, Other Models. C
Jordan, K, L, R, to '29 . . . . G	Stutz . . . . . G
Jordan Other Mod. from '28. G	Viking . . . . . G
Kissel . . . . . D	Whippet 6 . . . . F
Lafayette. . . . GB	Whippet 4 . . . . D
LaSalle to '29. . D	Willys-Knight 4. . D
from '28 . . . . G	Willys-Knight 66 Ser. . . . D
Lincoln to '34. . F	Willys-Knight 66 Ser. 6's C
Lincoln '34 . . . G	Windsor . . . . . G
Locomobile to '30 . . . . D	Wolverine . . . . . G
Locomobile Other Models. G	Wolverine from '27. . . . G
Marmon 68, 75 78 Old Style Head C	
Marmon 69, 70 79, 88, Big 8, Dbl. Dome and 16 cyl . . . . G	
Marmette . . . . G	
McFarlan C	
Moon 6-72, 6-77, 8-82, 8-88 . . . G	
Moon, all others. D	

TRUCKS AND BUSES

Motoking, and Oil-proof Spark Plug Size	Motoking, and Oil-proof Spark Plug Size
Name and Models	Name and Models
Ace . . . D-M	Draymaster, H8D, SM, T-24 . . . G-M
A C F . . . G-M	Dreadnaught . . . G-M
Acme, 52, 56, 66, 120 . . . G-M	Drew-Master, Other Mod. D-M
Acme, Other Models . . . D-M	Dupex, 1932, '33, A5, K, M . . . G-M
Acorn . . . D-M	Duplex, Other Models . . . D-M
Ahrens Fox Fire 1932 BHP . . . G-M	Eagle . . . . . D-M
Ahrens Fox Fire, Other Models . . D-M	Fageol . . . D-M
American-LaFrance. . D-M	Fageol, Met. Hds. . . . G-M
Armleder . . D-M	Fargo to '29 . D-M
Atterbury, Other Models . . D-M	Fargo from '28 . . . G-M
Autocar . . . D-M	Federal, 1925, '26, '27, '28 . . G-M
Available. . . . D-M	Federal, 1929-A6, F7, 13, T8, 20 . . . D-M
Bessemer . . D-M	Federal, 1929-3C6 . . . . G-M
Bethlehem . . C-M	Federal, 1929 Other Mod. C-M
Betz . . . D-M	Federal, 1930, 4C6, T16B, 2310W, 6 . . G-M
Bickle Fire . . D-M	Federal, 1930, Other Mod. D-M
Biederman, Cont. Eng. 16R, 20R, 25A, E602, E802 . . . G-M	Federal, 1931 Other Mod. G-M
Biederman, Buda Eng. H298	Federal, 1932, '33, A65, A6600, E, E8, T, C7, C8, X8 G-M
Lycom. Eng. AEC, ASD G-M	Federal, 1932, '33, Other Models . D-M
Biederman, Other Models . . D-M	Fifth Avenue D-M
Brockway, 60, 80, 120, 121, 140, 141, 170, 175, 190, 195, 220, 250 . . G-M	Fisher, H, Dy., Supr, 8, 10AX. . . .G-M
Brockway, Other Models . . C-M	Fisher, Other Models . . D-M
Buffalo Fire 7R, 7T2 . . G-M	Ford, Mod. T B-M
Buffalo Fire, Other Mod D-M	Ford, Model A, A8, B8 . . . FP
Century . . . D-M	Ford, V8 V 8 F-M
Checker Cab to '32 . . D-M	Ford, '33 an l '34, '48 . . . G-M
Checker Cab from '31 . . G-M	Freuhauf . . D-M
Chevrolet 4. . F-M	Fulton . . D-M
Chevrolet 6 to '33 . . . G-M	F W D. . . D-M
Chevrolet 6 from '32. .14mm	Garford . . D-M
Chicago 17A, 18A, 20A . . G-M	Giant . . D-M
Chicago, Other Models . . D-M	GMC—Pontiac Eng. 27, '28, '29 and '30 . . . F M
Chinton . . D-M	GMC—Pontiac Eng. 1930, '31 . . . G-M
Clydesdale . D-M	GMC—Pontiac Eng. 1930, '31 . . . G-M
Coleman, Met. Hds. . . G-M	GMC—Pontiac Eng. '32 and GMC 200 14mm
Coleman, Other Models . . D-M	GMC—Buick Eng. '27, '28 . . B-M
Columbia . . D-M	GMC Buick Eng. '30, '31 and '32 Pass. 21, 50, 60, 90, 96, 465, 525, 616G-M
Commerce . . D-M	GMC Buick, Mod Wheel Mods. Using Yellow Knight Eng. . . . D-M
Concord . . . D-M	GMC Fire Truck . . G-M
Corbitt, Cont. Eng. . . . G-M	Gochenour, R-B-34 . . . G-M
Corbitt, Other Models. . . D-M	Gottfredson, Other Mod D-M
Defiance . . D-M	Graham 4, 6 D-M
Denby . . . D-M	Graham Bros. Dodge T Axle 4 and 6 cyl D-M
Diamond T, 1930 Mod T 200, T-215 . . . G-M	Mack, AB 6, BG, BL, BF . . G-M
Diamond, Other Models. . . D-M	Mack, Other Models . . . D-M
Divco, 1929, Mod. K-22, G-M	Mack Fire Eng . . G-M
Divco, Other Models . . . D-M	Mack Fire Other Mod. D-M
Dodge, Models DA, DU2, DU2C, DU2T, DU, T2E, T3G, CG, 1C1E, 130 . . . G-M	Majestic Cab D-M
Dodge, TDP, 14mm	Marcy, Other Models . . D-M
Dodge, Other Models. D-M	Marmon, Other Models . . C-M
Dorris . . D-M	Mack, AB 6, BG, BL, BF . . G-M
Double Drive. D-M	Mack, Other Models. . . D-M
Douglas, Met. Hd. . . . G-M	Mack Fire Eng. BG . . .G-M
Douglas, Other Models. D-M	Mack Fire, Other Mod. D-M
Dover, 1933 14mm	Majestic Cab D-M
Dover, Other Models. . .G-M	Marcy, Other Models . . D-M
	Marmon, Other Models . . C-M
	Mercedes . . D-M
	Met-Wood . . D-M
	Mitchell . . D-M
	Moreland, 1931 Models . . G-M
	Moreland, Other Models . . D-M
	National, Met. Hds. . . . G-M
	National, Other Models . . D-M
	Nelco, Met. Hds. . . . G-M
	Nelco, Other Models . . D-M
	Noble, 156B, 156W, 166 G-M
	Noble, Other Models. . . C-M
	Nucar . . . . . D-M
	Ogden . . . . D-M
	O. K. . . . . D-M
	Omort . . . . D-M
	Oneida . . . . D-M
	Oshkosh . . . D-M
	Packard . . . D-M
	Paramount . . D-M
	Penn . . . . D-M
	Peter Pirsh, Models. 15, 16, 17, 18, 19, 20, 21, 22, 600. . . . G-M
	Peter Pirsh, Other Mod. D-M
	Pickwood, Coach . . . D-M
	Pierce Arrow . D-M
	Pontiac, 1930 Model . . . G-M
	Pontiac, Other Models. . . . F-M
	Rainier . . . . D-M
	Red Ball . . . D-M
	Rehberger & Corr Lug . G-M
	Reliance & Rex, Other Mod. D-M
	Relay, 15A, 15B, 20A . . . G-M
	Relay, Other Models . . . D-M
	Republic . . . D-M
	Reo to '28. . B-M
	Reo, 1926 to '30 . . . C-M
	Reo, from '29 G-M
	Republic . . . D-M
	Rex Wilson . D-M
	Rogers, 1933 G-M
	Rugby, Durant 1930-31 Models . . . G-M
	Rugby-Durant, Other Mod. D-M
	Rugby-Durant, Other Models . . D-M
	Rumley . . . D-M
	Sanslow . . . D-M
	Sanford, 3N, 100R . . . D-M
	Sanford, Other Models . . G-M
	Saxer . . . D-M
	Schacht . . . D-M
	Sequoya, 8GP and 8GT . G-M
	Sequoya, Other Models . . D-M
	Selden, Models 37, 39, 47, 67G-M
	Selden, Other Models . . D-M
	Service . . . D-M
	Standard to '31 . . . . C-M
	Standard Cont. Eng. 11R, 16R, 18R, 21R, 17E. . G-M
	Standard, Other Models . . D-M
	Stanley . . . D-M
	Sterling, 1930 Mod. D-M
	Sterling, Other Models . . D-M
	Stewart to '31. C-M
	Stewart, '31 Mod. 18X, 19X, 36X . . . . C-M
	Stewart, '31 Mod. 27X, 31X, 38-6 . . . D-M
	Stewart, '31 Mod 29XS, 32X, 34X, 38-8 . . . . G-M
	Stewart, '32 and '33 Mod. 29XX, 29X, 27XS, 30X, 31X, 38-6, 40XA, 41X, 42X . . . D-M
	Stewart, '32 and '33 Mod 29XS, 32X, 49X, 50X, 38-8, 48-8, 58-8 . . . G-M
	Stoughton, '32 Mod K and NMW Cent. Eng 16-600 C-M
	Stoughton, Other Mod. D-M
	Studebaker to '30 . . . D-M
	Studebaker, '33 and '34 . . G-M
	Superior . . . D-M
	Terraplane, Commercial, '33 & '34. .14mm
	Model . . . . A-M
	B2. . . . . D-M
	Thorne, Other Models. . . . G-M
	Traffic . . . . C-M
	Transport. . D-M
	Trayler . . . D-M
	Twin Coach . . D-M
	United . . . . D-M

TRUCKS AND BUSES

Motoking, and Oil-proof Spark Plug Size	Motoking, and Oil-proof Spark Plug Size
Name and Models	Name and Models
Marmon Hermington Mot Hd. . . .G-M	U. S. . . . D-M
Marmon Hermington Other Mod. D-M	Valley . . . D-M
Master . . D-M	Versare . . D-M
Menominee, 1933 Model and A15 . . G-M	Victor . . . D-M
Menominee, Other Mod. D-M	Wait LaFrance Cont Eng. 12K, Comm. Eng. AK, Wauk Eng. SPL . . . G-M
Guilder . . . D-M	Ward LaFrance 1933 and Other Models. . . .D-M
Hahn (Selden) to '30 . . . D-M	Wauchusett, 20R Cont. Eng. . G-M
Hahn, Other Models. . . . G-M	Wauchusett, Other Mod. D-M
Hawkeye, Model 40 . G-M	Whippet . . . D-M
Hawkeye, Other Models . . D-M	White, Models 1AB, 2A, 3AD, 4A, 4AB, 7A . . . . . C-M
Hendrickson, 1930, U6 and 1932 Mods. C-M	Stewart, '31 Mod. 27X, 31X, 38-6 . . .D-M
Hendrickson, 1933 Mods. G-M	Stewart, '31 Mod. 29XS, 32X, 34X, 38-8 . . . G-M
Heuderson, Other Mod. D-M	Stewart, '32 and '33 Mod. 29XX, 29X, 27XS, 30X, 31X, 38-6, 40XA, 41X, 42X . . . D-M
Henney, Met. Hd. . . . G-M	Stewart, '32 and '33 Mod 29XS, 32X, 49X, 50X, 38-8, 48-8, 58-8 . . . G-M
Henney, Other Models . D-M	Stoughton, '32 Mod K and NMW Cent. Eng 16-600 C-M
Huffman . . D-M	Stoughton, Other Mod. D-M
Hug, 23, 41S, 42, 43, 61, 62RW, 63, 67, 82, 87K, 870 . . . . G-M	Studebaker to '30 . . . D-M
Hug, Other Models. . . D-M	Studebaker, '33 and '34 . . G-M
Independent. . D-M	Superior . . . D-M
Indiana, 120, 140, 170, 185, 230, 250. . . G-M	Terraplane, Commercial, '33 & '34. .14mm
Indiana, Other Models . . C-M	Model . . . . A-M
International Harvester, A4, A5, A6, A7, A8, B8, H-9, PFB, G, H, K, L, 21, 31, 41, 61, 101 . . . C-M	B2. . . . . D-M
Internat'l Harv. 3, 43, 63, 94, 103, F54, F74, F104 . . . . F-M	Thorne, Other Models. . . . G-M
Internat'l Harv. Mod. D-1 G-M	Traffic . . . . C-M
Internat'l Harv. Other Mod D-M	Transport. . D-M
Jumbo . . . D-M	Trayler . . . D-M
Kelly-Springfield . . . D-M	Twin Coach . . D-M
Kenworth, 70, 80A, 140, 101B, 146B, 295A, 240A, 241A, 241C, 340, 345, 346B, 355, 385C . . . . G-M	United . . . . D-M
Kenworth, Other Models . . . D-M	
Kimball . . . D-M	
King Seaster . D-M	
Kleiber, Cs D2, E1, E2, F3, H3, M3, 35-4 . . G-M	
Kleiber, Other Models. . . . D-M	
LaFrance Rep D-2, E-1, P-3, H-3, Comm. D-M	
LaFrance, Other Models. D-M	
Lang . . . E-M	
Lambree, 40, 45, 50, 55, 60, 66, 70, 75, 80, 85 . . . G-M	
Lambree, Other Models . . .

MOTOKING HIGH COMPRESSION, OILPROOF AND LINCOLN SPARK PLUG CHART

TRACTORS

Motoking and Oil-proof Spark Plug Size Name and Models	Motoking and Oil-proof Spark Plug Size Name and Models
Minneapolis...P-M	Shaw.....B-M
Moline .....C-M	Steward.....D-M
Moline .....B-M	Tapp-Stewart F-M
Monarch.....B-M	Toro .....D-M
National .....D-M	Trayler .....D-M
Nichols & Shepard... B-M	Twin City... C-M
Parsons .....C-M	Utilitor .....C-M
Pioneer.....B-M	Vaughan .....B-M
Oil Pull.....D-M	Wallis Cub.... C-M
Red B.....F-M	Waterloo Boy B-M
Reliable.....B-M	Wetmore .....D-M
Rock Island..D-M	Wisconsin ...D-M
Rumley.....D-M	Yuba (Own Eng.).....B-M
Russell.....D-M	

COMBINES

Advance-Rumley . .D-M	Gleaner-Baldwin, Ford A Engine
Avery .....D-M	Gleaner-Baldwin, Other Mod. C-M
Case .....D-M	Harris... .C-M
Caterpillar, Ford T Engine B-M	McCormick-Deering ...C-M
Caterpillar, Wisc Engine ... C-M	Massey-Harris . .C-M
Caterpillar, Catp Engine . .D-M	Minneapolis...C-M
Curtis .....D-M	National .....D-M
Deere, Ford T Engine ..... B-M	Nichols & Shepard....D-M
Deere, Ford A Engine ...PF-M	Waterloo.....C-M
Deere, Other Models . . .C-M	Wood.....B-M
Gleaner-Baldwin, Ford T Eng.B-M	

INDUSTRIAL ENGINES

Adams (Buda Eng.) .....G-M	Chrysler .....D-M
Automatic to 2½.....B-M	Chrysler, Model Z... B-M
Automatic 1929 .....B-M	Cleveland Pav Equip.....D-M
Automatic, from '29 to '34 ..D-M	Coldwell L. Mow., 2½" Block. .C-M
Barber Green 64A .. . G-M	Coldwell L. Mow 3½" Block. .D-M
Barber Green, Other Mod..D-M	Concord .....D-M
Bay City, Sh'vls .....C-M	Continental . G-M
Bean Sprayer, 4 HP .....D-M	Continental Pf-M
Bean Sprayer, Other Mod..B-M	Dexter W. Machine.. G-M
Bovaird, G. & O. Pumps, 2 cyl ....B-M	Elgin Sweeper.....D-M
Bovaird, G. & O. Pumps, 4 cyl. .....D-M	Ernst4 .....B-M
Brewer Republic, F&J Eng. . .C-M	Fuller & Johnson 2½" Block. B-M
Brewer-Republic, LaSalle Eng. B-M	Fuller & Johnson 3½" Block. C-M
Brewer-Republic, Lauson Eng. B-M	Fuller & Johnson Matric Block ..... G-M
Brewer-Republic, Stover Eng. P-M	Galion Grader.C-M
Brewer-Republic, New Eng. . G-M	Gardner Compressor with Buda Engine ..... G-M
Briggs & Stratton. .G-M	Gardner Compressor, Other Models.... D-M
Brown Hoists, LeRoi Eng. C-M	General Exc... D-M
Brown Hoists, Hercules Engine.....D-M	Grinnell Washer.....C-M
Buckeye Ditcher .....D-M	Hall-Scott G-M
Bucyrus Sh'vls, 22B, GA3, 1030 with Wis. Eng... P-M	Hall-Scott 50 G-M
Bucyrus Sh'vls, Other Mod..D-M	Hercules 4" Block D-M
Buda-Diesel Eng ..... B-M	Hercules Meric Block.....G-M
Buffalo .....D-M	Hercules 5" Block...B-M
Buhl Comp. . .C-M	Hercules 6" Block...C-M
Butler .....D-M	Huber, Other Roller .....G-M
Byers Bearcat H173 .....C-M	Huber, Other Mod...D-M
Byers Bearcat, Other Mod..D-M	Ideal.....D-M
C. H. E. Wauk. Engine.....D-M	Ingersoll Rand .....D-M
C. H. E. F. & J. Engine. . .C-M	Insley Exc. Model R...G-M
C. H. E. H. & D. Engine. ...G-M	Insley Exc. Other Mod..D-M
	International Harv. Thresher, All Models.....C-M
	International Harv. Sta. Eng. 1½ to 10 HP. .....C-M
	International Harv. Power Eng., 200 & 300 . .C-M

INDUSTRIAL ENGINES

Motoking and Oil-proof Spark Plug Size Name and Models	Motoking and Oil-proof Spark Plug Size Name and Models
Iowa.....B-M	P & H Exc., 200 A.... G-M
Iowa Chore-Boy .....B-M	P & H Exc. with Wis. Eng D-M
Jacobsen L. Mow. .B-M	Parsons with Wauk. Eng D-M
Johnson to '32 .....G-B	Parsons with Twin City and Wis. Eng .C-M
Jumbo Stn. Engine .....G-M	Perfection Sprayer. .B-M
Koehring Rd. Pav.....G-M	Sanderson Drill .....D-M
Koehring, Other Models.....D-M	Schramm Comp. with Buda Engine .....G-M
Lauson, LA and RA.....G-M	Schramm Comp. Other Mod..D-M
Lauson, Other Models.....C-M	Seamon 14mm
Lawton Comp.....C-M	Stoddard.....B-M
LeRoi.....C-M	Star Drill .....D-M
Lorain .....C-M	Stover Eng., TXA .....D-M
Lorain, 50.....G-M	Stover Eng., Other Mod. C-M
McCormick-Deering....G-M	Sullivan Comp. .....D-M
Marion Sh'vls .....D-M	Superior, 2 cyl. Mod. 30, 35, 40, 50, 100 .....D-M
Maytag Wash Machine .....D-M	Superior, Other Mod. B-M
Milwaukee L. Mow .....G M	Syracuse Wash Machine....G-M
Minneapolis .C-M	Toro, Ford Engine. ....B-M
Moto Mower. G-M	Toro, LeRoi Engine.....D-M
Multi-Forte Pav. with Cont. Engine .....G-M	Toro, Air Cool .....G-M
Multi-Forte Pav. with Hercules Engine. ...G-M	Universal Sta. Eng., Ford Engine. ...C-M
Muncie .....C-M	Universal Sh'vl, Fordson Engine.....B-M
New Way.....G-M	Universal Sh'vl, Other Mod..G-M
Northwest Sh'vls Mod. 6, 8. .C-M	Universal Sh'vl, Parmall Engine.....B-M
Northwest Sh'vl, Other Mod..G-M	Universal Sh'vl, Other Mod..D-M
Novo . B-M	Ustinator-Mower .....G-M
Olympia Ross.G-M	Vaughan Saw..B-M
Orton Sh'vls, Wauk. Engine .....G-M	
Orton Sh'vls, Other Mod..D-M	
Osgood Crane..P-M	

LIGHTING EQUIPMENT

Buda, H Models 173, 198, 206 and 1214 .G-M	Genco.... D-M
Buda, Models HS-6, HTU, WTU .....D-M	Globe.....C-M
Daytonlite....D-M	Homelite ...G-M
Delco, Models 6B3, 6AA3, 8AA1, 8G3, 8WG3 and Other 4 cyl. G-M	Kohler, Mod. D, K, S.....G-M
Delco, Other Models ....C-M	Kohler, Other Models.....D-M
Delco, Last Models 6B3, 6AB3, 8AA1 and 8G3.....14mm	Lalley.....F-M
Dynalectric. . .C-M	Mathews.....G-M
Eastlite .....B-M	Northlite.....B-M
Fairbanks Morse Model H ....D-M	Oman .....G-M
Fairbanks Morse, Other Mod. B-M	Perfection ....D-M
Farm Electric.B-M	Sisarms .....B-M
	SunLite.....C-M
	United.....D-M
	Wesco .... D-M
	Westinghouse D-2 .....G-M
	Westinghouse, Other Mod. C-M
	Willys.....C-M

COMMERCIAL ENGINES

Buda ATU, BA-6, BBU, BTU, BU, BUS, BUS (Frge Mill), CAS-6, CTU, CUBU, DS6, DW6, EBU, EBUT, ETU, FR, FTU, GBU, GP-6, GL-6, GTU, HS, HS-6, HTU, IU, ITU, JH-4, JH-6, Rail Car, JK-6, JV-4, JV-6, KBU, KBUU, KTU, KT281, LV-6, MU, OM, OM-3, OU, OM-3, OU-R, RU, TM-3, TU, W, WTU, WU,	YBU, YBUI, YR, YRT, YRC, YRD, YT, YTU, YU. . . .D-M
	Buda, BM, BMA-6, BMAL, BMALR, BML, BMLR, BMR, BM-411, BM-411-B, GM, GMF, GMPL, GMPR, GMPLR, GML, GMLR, GMR, GM-672, GM-572-B, GM-672-R, GM-638, GM-638-L, GM-638-LR, GM-638-R, LM-468.....C-M

COMMERCIAL ENGINES

Motoking and Oil-proof Spark Plug Size Name and Models	Motoking and Oil-proof Spark Plug Size Name and Models
Buda, H-175, H-199, H-205, H 217, H-260, H 298, J-214, K-325, K-369, K-381, K-393, K-428, L-451, L-468, L-504, L-625, HM-173, HM 199, HM-205, HM 260, HM 298, KM 369-R, KM-428-R, LM-468-R, LM-625-R. C-M	WXC2, WXC3, WX2B, WX3B, YXB, YXC, YXC2, YXC3. . .C-M
Climax, K, EL, KU, R4U, R6U, RBU, TU, TU, G4A, G4B, H4A, H4B, N4A, N4B, R41, R61, R81, RB1, G4C, R8B1 .....C-M	Hinkley (1925-27) B, B2, HA-200, HAA-300, 200, HA-400, 400, HA-500, 500. ..... C-M
Continental, 15H, 16H, W10, W20, 6E, 10E, 15E, 12E, 14E, 15S, 8F, 9F, H6, 9L, 14L, H9, H15, H16, 19L, 20L, 28L, 8R, 8S, 14S, 8U, W4, W5, W8 .....D-M	LeRoe Beaver, All Models..C-M
Continental, B5, B7, 6R, 7C, 14C, 15C, 18C, 18E, H5, H9, H15, H16, H17, H22, H23, H24, H25, H26, H27, H28, 4H, 15H, J4, K4, 14, 30L, 31L, MA, MB, N5, M7, 12M, 14M, S4, S5, S10, S11, S12, S16, 8T, 15T, 16T, W6, Y2. . . .C-M	Lycoming, UA, UG, UI, UR, UP, UAB, ASA, FD, HF, BB, BC, SB, ASD, ASB, AEC, ABD, AEF, HFA, HFB . . . . . G-M
Continental, 28A, 26A, 28A, 16E, 17B, 11R, 14R, 15R, 18R, 20R, 30R, 31R, 32R, 14W, E-600, E-602, E-606, 16R, 18R, 20R, 21R, 22R, 22A, 28A, 30A, 30B, 40A, 18C, 19R, 12K, 12E, 15K, 15CS, 15S, 16S, 17S, 18S, 26S, 15U, FV, 122, R-800 .G-M	Waukesha, 6AB, CFR, CHK, CHS, CR, CS, CSR, CU, DKR, DR, DU, ER, EU, FS, FL, FK, FDB, HEB, FH, FS, FKJ, FL, GU, 6HB, HL, 6HL, HLX, HS, JS, JKX, JL, JS, JZ, 6KL, 6KS, 6KU, 6LK, 6LRD, 6LS, 6MK, 6ML, 6MS, 6MZ, 6DK, 6GS, 6QL, 6RB, 6SKR, 6SKS, 6SRL, (Beginning with Motor Number 6SB), 6TK, UM, V, VIK, VIL, VIS, VK, VL, WI, WOK, WS, XA, XAH, XAK, 6XK, 6XL, ZA, 6ZK, 6ZL, 4-55, 4-95, 4-115. .C-M
Cyclone, All Models.....C-M	Waukesha, Special (Nat. Gas). F-M
Hall-Scott, 15i, 152, 155, 167 .....C-M	Waukesha, 5B, 6SRL (Before Motor No. 265868), 6TL, 6TS, 6-90, 6-110, 6-125. .....C-M
Hall-Scott, HD-6, HD-176, HSM-4, HSM-6, HSR-4, HSR-6, LM-4, LM6, 110, 112, 113, 114, 115, 116, 117, 123, 124, 128, 129, 132, 133, 146, 147, 150, 154, 155, 157, 158, 160, 163, 165, 168, 169, 170, 171, 175, 178, 300, 350 . G-M	Wisconsin, RAU, RBU, RCU, B-1, B-2, B-3, BO-2, BO-3, C, CA-1, C-2, D-1, D-2, D-3, J-4, DO-1, DO-2, DO-3, DO-4, FO, FOD, ET, G, G-2, GT, H, HE, K, K-1, K-X, L-1, L-2, L-3, L-4, M-1, M-2, M-3, M-4, Q, SUU, TAD, UAU, VAU, W, WK, WT, X, Y, Z, ZT, ZA-1, ZA-2, E-2, GA-1, GA-2. . . .C-M
Hercules, B, G, HXA, HXB, HXC, HXD, HXE, IXA, IXB, IXA, IXB, IXC, L, K, OOA, OOB, OOC, OX, OXC, RXB, RXC, TXA, TXB, WX, WXA2, WXB, WXC,	Wisconsin, F, N. . . . . D-M
	Wisconsin, AD, AH, AF, AG. . . . . G-M

INBOARD MOTORS

Motoking and Oil-proof Spark Plug Size Name and Models	Motoking and Oil-proof Spark Plug Size Name and Models
Anderson.....B-M	Lathrop, 1933.G-M
Automatic.....E-M	Lathrop, Other Models .....F-M
Barker, Model A....D-M	Leudorff.....G-M
Barker, Other Models .....B-M	Lycoming .G-M
Brennan, D6, F4, N4.....F-M	Mack, 6 cyl.. G-M
Briggs & Stratton, Other Models.....GX	Monmouth....D-M
Bridgeport....B-M	Niagara, 1930 G-M
Brix .....GX	Niagara, Other Models.....F-M
Buchanan, Model 12K...GX	Packard, 1M, 268, 357, 621, 1240 .....D-M
Buchanan, Other Models.....D-M	Packard, 2M, 1551. . . . .G-M
Buda, from '29 to '34 . GX	Palmer .....C-M
Buda, Other Models .....G-M	Peerless, 4 cyl.....B-M
Buffalo . . .C-M	Peerless, 6 cyl. ....E-M
Cady .....C-M	Pontiac to '29. .....F-M
Cady, Other Models ...B-M	Pontiac, from '29 .....G-M
Capitol .....GX	Red Wing... C-M
Chrysler, '29 to '34 .....G-M	Regal .....P M
Chrysler, Other Models .....D-M	Roberts .....B-M
Curtis .....G-M	Roberts, H S .G-M
Detroit . . .G-M	Roberts, Other Models.....D-M
Elco .....D-M	Sanderson .....D-M
Erd .... D-M	Scripps, Models B2, D2, F4, F6 .....D-M
Farr, Models 8G, 8U, 8W, 8S .....G-M	Scripps, Other Models .....G-M
Farr, Other Models... D-M	Standard .. D-M
Fay and Bowen.....C-M	Stearns .....P-M
Fay and Hoyen.....D-M	Sterling, Nept B-M
Garwood . . .G-M	Sterling, Other Models. .. D-M
Gifford .....G-M	Universal, to '30 .....G-M
Gray .....C-M	Universa., from '30 .....G-M
Gray, Met. Cyl .....G-M	VanBlarck, Jr.....G-M
Gray, Old Models. ...B-M	VanBlarck, Other Models.....D-M
Hall-Scott, to '28 .....D-M	Winton.....D-M
Hall-Scott, Other Models... G-M	Wisconsin .....D-M
Kermath, K, L, M, R, V .....D-M	Wisconsin, Met. Hd. .....G-M
Kermath, Other Models . D-M	

OUTBOARD MOTORS

Caille, 12, 22, 30 .....C-M	Evinrude, from '28 .....GX
Caille, Other Model .....GX	Hartford .....GX
Cross .....GX	Indian .....GX
Elto .....GX	Johnson... . GX
Evinrude to '29 .....C-M	Lockwood.....GX
Evinrude to '29 .....C-M	Neptune.....GX
	Spunway.....GX

MOTORCYCLES

Cleveland.....GX	Indian, Models 234, 334, 434, 534, 634...14mm
Excelsior.....GX	Indian, Other Models .....GX
Harley-David-Son C	Johnson Motor Wheel.....GX
Harley-David-son .....GX	Henderson.....GX
Henderson.....GX	Ner-A-Car.....GX

GASOLINE RAIL ENGINES

Brill, 660, 880, Cont. 81-9...D-M	Fairbanks-Morse, 27 head....D-M
Brill Hall, Scott Mds. G-M	Fairmont .....B-M
Brookville, Ford A Engine.....F-M	Hall Scott.....G-M
Brookville, McCormick-Deering Engine.....C-M	Kalamazoo ..D-M
Brookville, Allis-Chalmers Engine....D-M	Mack, 1930 Model ...G-M
Buda.....G-M	Mack, Other Models.....C-M
Casey Jones, Models 561, 565, 570 .....F-M	Midwest. ...D-M
Casey Jones, Other Mod. B-M	Mudge..... B-M
Edward's .....G-M	Plymouth, LeRoi Engine. ....C-M
Fairbanks-Morse, Old Mod....B-M	Plymouth, Other Models.....D-M
	Skagit .....C-M
	Sylvester.....B-M
	Winton.....B-M

STEEL PLOWS

BRINLY'S STANDARDIZED TWO-HORSE PLOWS

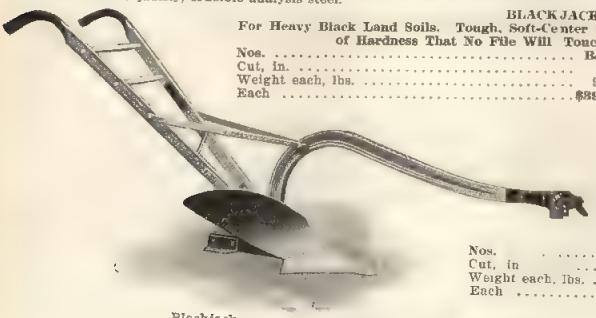
B. J. SERIES

These plows are built on a heavy steel frog, which is securely attached by three bolts to a footed steel beam. The plow bottom is rigidly reinforced by a heavy steel spreader brace, which adds tremendous strength.

Big-Jeff, Blackjack, Blackjack, Jr. and BJ Slat have the same joint line between point and moldboard, therefore all sizes of points and moldboards, as well as other parts, are interchangeable.

Landsides are extra long with steel heel and can be turned upside down, giving two wearing surfaces

Points are best quality, crucible analysis steel.



Blackjack

BLACKJACK

For Heavy Black Land Soils. Tough, Soft-Center Steel Moldboards, Tempered to a Degree of Hardness That No File Will Touch. With Filler Plates.

Nos.	BJ7	BJ8	BJ9	BJ10
Cut, in.	7	8	9	10
Weight each, lbs.	91	92	96	97
Each	$39.45	40.50	43.90	45.00

BLACKJACK JUNIOR

For Light Black Land Soils. Lighter Beam Than Blackjack Plows. Has no Filler Plate Above Landside. All Parts are Interchangeable with Blackjack Plows.

Nos.	BJJ7	BJJ8	BJJ9	BJJ10
Cut, in	7	8	9	10
Weight each, lbs.	83	84	87	88
Each	$34.90	36.00	39.45	40.50

Open stock.

Big Jeff

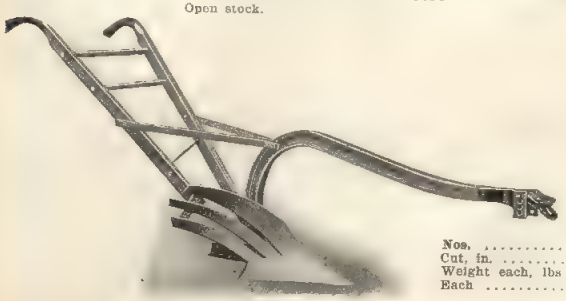
BIG JEFF

For Mixed Land Soils. Improved Mixed Land Shape, Solid, Crucible Analysis Steel Moldboards

Nos.	BJE7	BJE8
Cut, in.	7	8
Weight each, lbs.	52	83
Each	$32.65	33.75

Nos.	BJE9	BJE10	BJE12
Cut, in.	9	10	12
Weight each, lbs.	86	87	98
Each	$37.15	38.25	43.90

Open stock.



BJ Slat

BJ SLAT

For Sticky Soils. BJ Molds Reduce Mold Surface and Insure Better Scouring and Lighter Draft. With Filler Plates.

	3 Slat		4 Slat
Nos.	BJS9	BJS10	BJS12
Cut, in.	9	10	12
Weight each, lbs	93	94	100
Each	$46.10	48.75	53.60

Open stock

Note—Above can be supplied with tool steel cutter point which makes best new ground plow to be had, add extra for each point $2.25

ONE HORSE STEEL PLOWS

BRINLY STANDARDIZED ONE-HORSE PLOWS

B. R. SERIES

All plows in the BR series are built on the same frame. The difference in the several styles in this series lies in the shape of the moldboards, which are designed to do perfect work in the soils for which each is intended.

The frog is of heavy steel, landside is extra long with steel heel and can be turned upside down, giving two wearing surfaces; points and mold boards are tough, high carbon steel, heavier than ordinarily used in one-horse plows

Bear Cat

BEAR CAT, STEEL BEAM

For Sandy and Light Loam Soils

Nos.	BC6½	BC7
Cut, in.	6½	7
Weight each, lbs.	55	55
Each	$19.18	19.18

No.	BC8
Cut, in.	8
Weight each, lbs	57
Each	$21.40

Open stock.

Each

Extra Cutter Points—For above.....$2.25

BR CHILLED, STEEL BEAM

For Light and Sandy Soils

Same as Bear Cat in shape except has cast iron point and mold board instead of steel.

Nos.	BRC7	BRC8
Cut, in.	7	8
Weight each, lbs.	55	63
Each	$19.25	21.50

Broncho

BRONCHO, STEEL BEAM

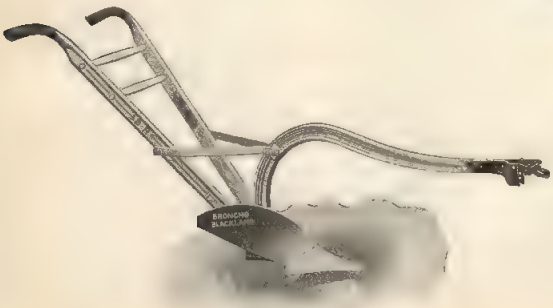
For Mixed and Heavy Loam Soils

Nos.	BS87	BS88
Cut, in.	7	8
Weight each, lbs.	55	57
Each	$19.18	21.40

Open stock.

Each

Extra Cutter Points—For above.....$2.25



Broncho Blackland

BRONCHO BLACKLAND

For Clay and Blackland Soils

Broncho Blackland Mold is tempered soft center steel with true Blackland shape.

No.	BBS7
Cut, in.	7
Weight each, lbs.	58
Each	$25 90

Open stock.

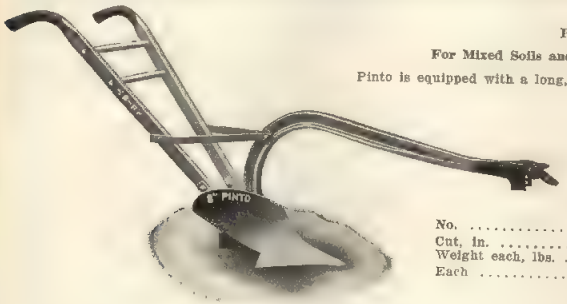
ONE-HORSE STEEL PLOWS

BRINLY STANDARDIZED ONE-HORSE PLOWS

B. R. SERIES

All plows in the BR series are built on the same frame. The difference in the several styles in this series lies in the shape of the moldboards, which are designed to do perfect work in the soils for which each is intended.

The frog is of heavy steel, landside is extra long with steel heel and can be turned upside down, giving two wearing surfaces, points and moldboards are tough, high carbon steel, heavier than ordinarily used in one-horse plows.



Pinto

PINTO

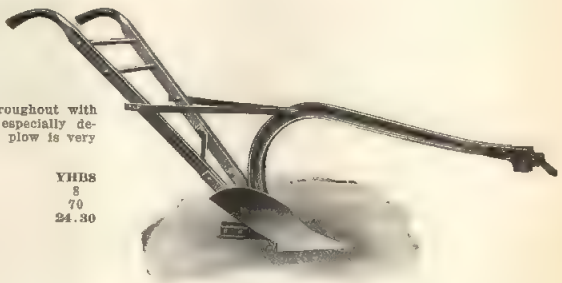
For Mixed Soils and General Purpose Work

Pinto is equipped with a long, heavy beam and large moldboard.

This Plow is designed for those sections where a large heavy one-horse plow is needed.

No.	PS8
Cut, in.	8
Weight each, lbs.	68
Each	$25.95

Open stock.



Yazoo

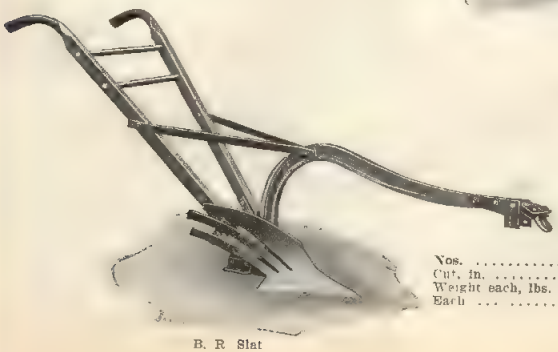
YAZO HIGH BED

For Throwing a High Bed

This plow takes standard B. R. parts throughout with the exception of the moldboard which is especially designed for throwing a high bed. This type plow is very popular in the Mississippi Delta.

Nos.	YHB7	YHB8
Cut, in.	7	8
Weight each, lbs.	68	70
Each	$21.90	24.30

Open stock



B. R Slat

B. R. SLAT

For Extra Sticky Soils

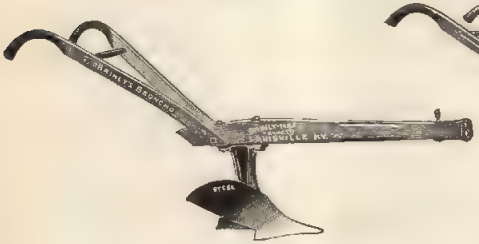
B. R. Slat takes special two-hole point, numbered slats and slat plate.

Nos.	BRS7	BRS8
Cut, in.	7	8
Weight each, lbs.	59	60
Each	$24 75	25.80

Open stock.

WOOD BEAM PLOWS

BRINLY BRONCHO



BRINLY DUCK-BILL

These plows on account of their excellent work in a variety of soils, and the very favorable price at which they are sold, have proved immensely popular.

They are light one-horse plows, with a moldboard similar in shape to the ordinary pony plow, but are built much stronger, heavier and of higher grade materials.

The steel point weighs nine ounces more than the point of a pony plow.

The moldboard is shaped to turn the ground, turning weeds, grass and other vegetation completely under.

The point has only one bolt strong cast standard that practically never breaks. Has bevel shape to slide off trash and prevent choking.

Wood Beam, Steel Plow, Right Hand, Steel Point, Cast Standard

	Each
No. BWS7—7 in. cut, plain, with one extra point; weight each 43 lbs.	$16.95
Extra Cutter Points—For No. BWS7	2.25

Open stock.

The Duck-Bill plow is used for plowing all kinds of soils as light, heavy, mixed clay, loam and even to semi-black land.

It is very simply constructed, has great strength, lightness of draft, and long wearing life of the patented duck-bill point.

All plows of this series may be converted into landside cutter plows by removing the regular points and putting on cutter points and cutter landsides.

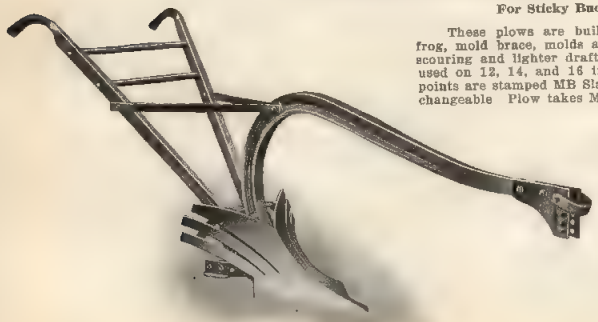
The landsides cutter not only reduces the draft of the plow, but cuts through the roots, vines, and similar growth.

	Each
No. 1 Opal—7 in. cut; distinctly a one-horse plow; weight each 44 lbs.	$19.20
No. 1 Gem—8 in. cut; slightly larger than opal plow and intended for heavier work; popular for bottom lands; wt. each 46 lbs.	21.45
No. 1½ Ruby—8½ in. cut; light two-horse plow; is often pulled by one horse in breaking up and cultivating; weight each 56 lbs.	25.20
No. 2 Garnet—9½ in. cut; largest size and lightest draft two-horse plow used in the South; weight each 66 lbs.	28.20

Open stock.

STEEL PLOWS

BRINLY MB SLAT MIDDLEBREAKER



For Sticky Buckshot and Extra Heavy Soils

These plows are built on a heavy steel frame with special frog, mold brace, molds and point. The slat molds insure better scouring and lighter draft in the heaviest buckshot. Same molds used on 12, 14, and 16 inch sizes. Mold slats are numbered and points are stamped MB Slat. 12, 14 and 16 inch. Points are interchangeable Plow takes MB handles.

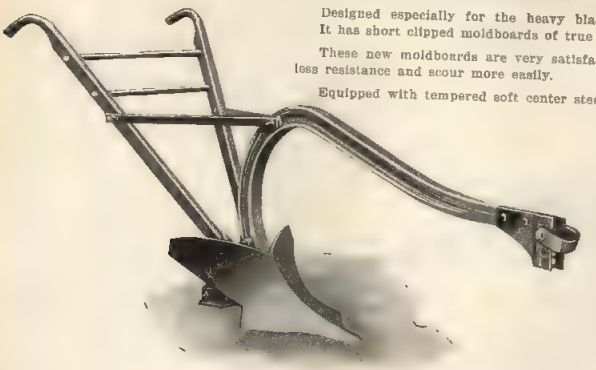
Nos.	MBM12	MBM14
Cut, in.	12	14
For horses	2	4
Wt. each, lbs.	100	125
Each	$56.25	61.80

No.	MBM-16
Cut, in.	16
For horses	4
Wt. each, lbs	127
Each	$63 00

Open stock.

STEEL PLOWS

BRINLY DELTA MIDDLEBREAKER



Designed especially for the heavy black land soils of the Mississippi Delta. It has short clipped moldboards of true black land shape.

These new moldboards are very satisfactory in the heavier soils, as they offer less resistance and scour more easily.

Equipped with tempered soft center steel moldboards. Frog is heavy steel rigidly attached to beam. Points are reinforced, best crucible analysis steel.

Landsides are steel with detachable chilled heel and section steel, double-edged reversible rudder. All Delta Plows take MB handles. 10 and 12 inch sizes furnished either light or heavy beam. 14 and 16 inch sizes furnished extra heavy beam only.

Nos.	DM10R	DM10H	DM12R	DM12H	DM14H	DM16H
Beam	Regular	Extra Heavy	Regular	Extra Heavy	Extra Heavy	Extra Heavy
Cut, in.	10	10	12	12	14	16
Weight each, lbs.	95	120	100	124	130	134
Each	$49.50	54.00	51.75	56.25	60.75	67.50

Open stock

BRINLY IMPROVED "I'M-IT" MIDDLEBREAKER

Its name speaks for itself. The greatest care has been taken in every detail of design in building this Middlebreaker which possesses to the highest degree, qualities of strength, lightness of draft and the proper shape to do perfect work. Brinly's I'm-It is designed especially for use in sticky blackland and clay soils.

Frog is of heavy steel rigidly attached to beam. Points are reinforced, best crucible analysis steel. Moldboards are tough, soft-center steel, tempered to a degree of hardness that no file will touch and so highly polished that the most sticky soil will scour perfectly. Points and moldboards have the same joint line and are interchangeable. Landsides are steel with detachable chilled heel and section steel, double-edged, reversible rudder. All I'm-It plows take MB handles

STEEL BEAM

Plain, with One Extra Point

Nos.	IIM10	IIM12	IIM14
Cut, in.	10	12	14
Wt. each, lbs.	95	100	131
Each	$49.50	51.75	60.75
Nos.	**IIM16**	**IIM18**	**IIM20**
Cut, in.	16	18	20
Wt. each, lbs	135	137	142
Each	$67.50	73.20	81.00

Open stock.

STIFF SHANK ROLLING COULTER

Standards are adjustable. Front standard curved so trash does not catch easily. Finest quality, electrically heat-treated steel blade. Chilled cone bearings with take-up.

As cones wear the take-up can be adjusted so the blade always runs steady.

Each

No. 15SR—15 in. blade; weight each 28 lbs. $15.00

Open stock

STEEL PLOWS

BRINLY, "BINGO" MIDDLEBREAKER

The Bingo Middlebreaker is an all-steel plow, especially designed for use in mixed lands and lighter soils

The outstanding features are strength, lightness of draft and simplicity.

Point and moldboards are made of the finest crucible analysis steel and are securely bolted to a heavy steel frog.

The frog is rigidly attached to a footed steel beam by a heavy beam bolt and also by means of two steel knuckle braces.

The joint line between point and moldboard is the same on all sizes, therefore a large size point can be used with smaller sized moldboards when desired.

Equipped with steel lands, detachable chilled heel and double edged, reversible rudder.

All Bingo Plows take MB handles.

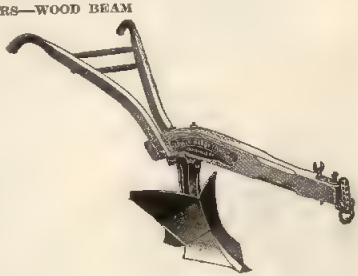
STEEL BEAM

Plows, with Extra Point

Nos.	BM8	BM10	BM12	BM14
Cut, in.	8	10	12	14
Weight each, lbs	73	82	84	87
Each	$34.90	37.15	40.50	42.75

Open stock.

BRINLY "OLD SERIES", MIDDLEBREAKERS—WOOD BEAM



These "Old Series" Middlebreakers do wonderful work in a great variety of soils, ranging from light land to heavy black muck. They are exceedingly light draft, and while usually reckoned as two-horse plows, the 10 and 12 inch sizes are sometimes used with one mule in cultivating corn and cotton.

They are simple in construction, having no small parts to work loose or wear out.

These plows are built on a solid iron standard, moldboards are solid steel. The Brinly duck-bill points give additional strength and are long wearing. The rudder or fin, being double edge and reversible, will give twice the wear of an ordinary fin. High grade seasoned handles and beam.

Plow, with Extra Point

Nos.	OSW1	OSW1½	OSW2
Cut, in.	8	10	12
Weight each, lbs.	48	70	74
Each	$23.70	30.45	33.25

Open stock

Princess

PORCELAIN (RENOWN) ENAMELED

Cast Iron Range

Princess is Renown's masterpiece! Princess incorporates every modern feature to make it more permanently beautiful, more easily managed, more dependable and more enduring. If you want the best that money can buy, select Princess. Princess has everything! This range is built to give trouble-free service and to stay fresh and new looking through the years, a range one can always be proud to own.

Built of special Renown analysis blended iron it will never rust out. It is the latest in improved balanced cabinet style. Every inch is as smooth as immaculate china. There is no place for dirt. In cleaning with a cloth — as simple as telling about it — there are no sharp corners to dodge.

Flue and Oven construction has been fire-tested and time-tried.

Princess with High Closet

COLOR AND STYLE OPTIONS

COLORS—Beige Tan and Royal Ivory. Spring Green and Royal Ivory.

STYLES—Equipped with High Shelf or High Closet; with Reservoir or Cabinet Compartment. Soft coal equipment: cast iron fire box, duplex grate and pouch feed. Hard coal equipment: brick-lined fire box, triangular grate and straight left end.

EXTRAS—Waterfront, installed or separate.

The Range Magnificent

Colorful in the soft harmonizing shades of a spring morning and as unspotted as perfect china — that is the new Princess! Princess brings new style, color and a wholesome cheerfulness into the home. And its beauty stays fresh and new looking year after year.

The Princess is just as perfect in performance. When building a fire a touch of the patented Pan Raising Device opens the entire fire box for easy and smudge-proof handling of paper, kindling, wood or coal. A clean and trouble-free way. Within a few minutes any desired cooking temperature is available, from "simmer" to "boil." Princess saves work by requiring a scuttle less coal or an arm load less wood.

All walls of the Princess oven are surrounded by heat radiating surfaces. The rigidly braced oven door is rock wool insulated to prevent heat loss.

SPECIFICATIONS

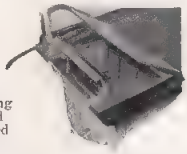
	18" Oven	20" Oven
Cooking Top	44½x24½"	46½x24½"
Height to Cooking Top	31½	31½"
Oven	18x18x12"	20x20x12"
Fire Box (Coal)	9x16x10"	9x16x10"
Wood Length	20"	20"
Pipe Size	7"	7"
Covers	8"	8
Shipping Wt. High Shelf, Compartment	550 lbs.	585 lbs.
Shipping Wt. High Closet, Compartment	590 lbs.	625 lbs.
Shipping Wt. High Shelf, Reservoir	553 lbs.	590 lbs.
Shipping Wt. High Closet, Reservoir	595 lbs.	630 lbs.

Princess

PORCELAIN RENOWN ENAMELED

Cast Iron Range

OVEN is all cast iron! This oven does not need replacement. Cast oven walls spread heat uniformly, the secret of such remarkably uniform baking, with pastries or roasts done to a turn. This rigid, warp-proof oven gives results quite impossible with other types.



Patented Pan Raising Device and Pouch Feed

FIRE BOX, standardized for all Renown Ranges, is the most durable built. Sections can be shifted, adding 100% to years of service. Hot blast turns soot into heat. Hard Coal Fire Box, brick lined, without pouch feed, is equipped with triangular grate.

COOKING TOP is beautifully polished. Meats and pancakes can be fried directly on French plates, not recommended on other top finishes.

The Range Complete

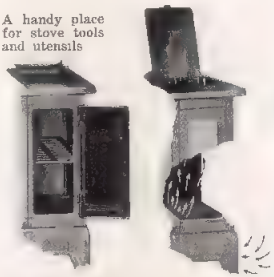
No other range has quite so many features. The rigidly braced oven door is spring balanced and insulated to prevent heat loss. Just a little fuel does the work. The Princess oven has space for large pie tins and big roasters. Two oven sizes to choose from. Daylight oven interior reflects light even in a dark kitchen. Should pies run out, the porcelain bottom is as easily cleaned as a china dish.

Princess does not require fuel wasting and blistering long flame. Less fuel does better baking. Cooking covers, directly over fire, maintain cooking temperatures from radiant coals.

Any desired cooking or baking temperature is quickly available. Move the damper over and quick baking temperature is provided in an oven so efficient that fuel wasting and face blistering flame is not needed. And such baking results, the perfect oven for those prize winning pastries!

RESERVOIR, thirty quart, is quick heating, made of pure copper and rust-proof. Faucet fills utensils the spill-proof way. Porcelain lined cover keeps water crystal clear, no discoloration.

A handy place for stove tools and utensils



Utility Compartment and Shelf

Circulating Heater Principle

Empress

PORCELAIN (RENOWN) ENAMELED

Cast and Steel Range

Empress has everything! The features of the highest priced ranges are here plus many refinements exclusively Empress. Again Renown changes all previously accepted standards. If you want the most for the dollar, select Empress.

Empress is built of prime quality normalized steel, the same material that goes into the highest priced ranges made. Every inch of the oven, the flues, the back, bottom and sides — inside and out — are made permanently rust-proof with porcelain. And what range at any price offers such style? Rigid all-cast main front.

The Empress oven is full size, made large for big pans and roasters. The sturdily braced oven door is spring balanced and insulated with rock wool. Adjustable position non-tipping oven rack. Beautiful, sturdy and dependable, the new Empress assures most perfect top cooking and baking results. Empress is a baking wonder, and saves that extra scuttle of coal or arm load of wood.

Empress provides for every convenience and is styled in accord with the newest trends in kitchen decoration. Into the Empress Renown engineers have built the same wonderful fire box, the same grates, linings, cooking covers, French cooking plates, made interchangeable with Princess or Prince ranges. If you need hot water, Empress provides an extra large quick heating all copper "lift out" reservoir. The Empress Utility Drawer, under the oven, provides a real warming compartment for food, dinner plates or additional utensil storage space.

The Modern Range

The beautiful new "Streamlined" Empress is the last word in design and color harmony. In gleaming porcelain shades, rich Beige Tan and Royal Ivory, Empress harmonizes with any kitchen. Renown's Porcelectric Enameling Process makes possible this matchless beauty.

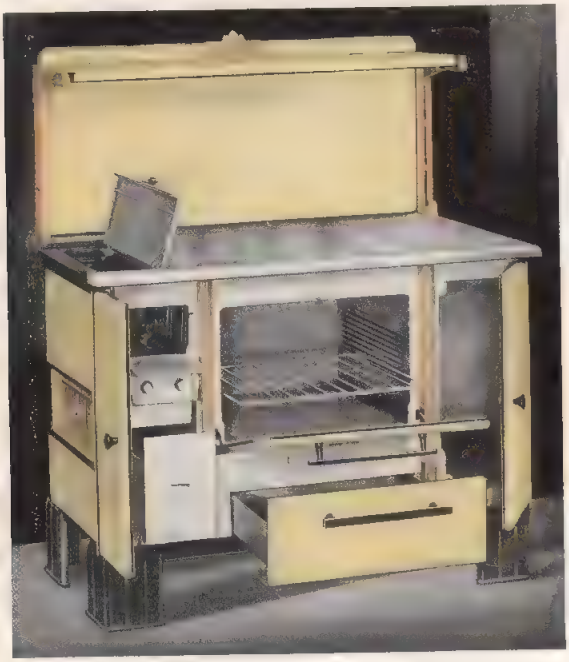
The Empress is just as perfect in performance. The large Feed Door makes the entire fire box easily accessible for building or replenishing the fire the easy and smudge-proof way. Speedi-heat hot spot covers are standard equipment and speed up cooking.

SPECIFICATIONS

	18" Oven
Cooking Top	42x24½"
Height to Cooking Top	31"
Oven	18x18x12"
Fire Box (Coal)	8½x16x9½"
Wood Length	19½"
Pipe Size	7"
Covers	8"
Ship. Wt. High Shelf, Compt.	485 lbs.
Ship. Wt. High Shelf, Reservoir	490 lbs.

COLOR AND STYLE OPTIONS

COLOR—Royal Ivory and Beige Tan.
STYLES — High Shelf standard equipment. Equipped with Reservoir or Cabinet Compartment. Soft coal equipment: cast iron fire box and duplex grate. Hard coal equipment: brick-lined fire box and triangular grate.
EXTRAS — Waterfront, either installed or separate.



Empress

PORCELAIN (RENOWN) ENAMELED

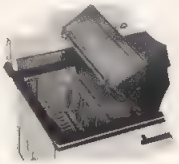
Cast and Steel Range

OVEN. Empress possesses a remarkable oven, full size and efficient. All walls are surrounded by heating surfaces. The insulated "jar-proof" oven door prevents heat loss and is rigidly braced and balanced. Every inch of surface in daylight porcelain. The oven rack can be adjusted to any desired position and will not tip.

Empress is equipped with a usable cabinet compartment. By raising cover, it becomes a warm air circulator.

Cabinet Compartment

COOKING TOP, beautifully polished. Cakes can be fried directly on French plates, not recommended on other top finishes. Speedi-heat Hot Spot covers are standard equipment. Graduated cooking temperatures always available.



The Renown Super Fire Box—interchangeable on all Renown Ranges

FIRE BOX, standardized for all Renown Ranges, is the most durable built. Sections can be shifted, adding 100% to years of service. Hot blast turns soot into heat. Hard Coal Fire Box, brick lined, triangular grate.

The Range With Every Feature

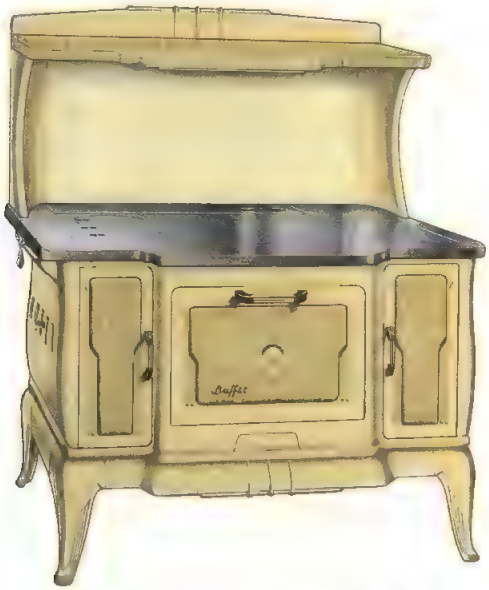
1. Modern streamlined cabinet style. A new beauty standard.
2. Matchless porcelain that stays new looking through the years.
3. Porcelain body inside and out. Made permanently rust-proof.
4. Built for hard service. Fire box parts, top covers interchangeable with ranges costing 100 per cent more.
5. A big, full size range. The best workmanship and materials money can buy.
6. A perfect cooking top. Highly polished. Graduated temperatures from boil to simmer. Speedi heat hot spot covers; speed up cooking.

7. Large pouch lift feed door. The most usable ever built.
8. Built for all fuels. Heavy cast fire box, interchangeable hot blast linings, duplex grate for soft coal, wood and cobs. For hard coal, brick linings and triangular grate.
9. Boltless exterior, no obstructions. As easily cleaned as china. Replaceable porcelain parts.
10. Large oven, all daylight porcelain. Non-tipping adjustable position rack. Replaceable feature. Double bottom.
11. 100 per cent copper lift out contact quick heating reservoir. 28 quarts.
12. Usable cabinet compartment — a place for utensils or stove tools.
13. A handy warming compartment for foods or plates. Usable for utensil storage. Utility drawer.
14. Convenient spill-proof ash pan with extra deep ash guards.
15. Insulated oven door and range body.
16. Sliding damper for oven temperature control. Most modern type, adjustable to any position.

Buffet Ranges

FOR COAL OR WOOD

THE NEW "BUFFET COAL RANGE" is the response of master stove designers to the demand for a range with the same advance in beauty and new day efficiency that the new motor cars offer. Its wide and generous acceptance is proof that it is a recognized "big value." Its popularity is well deserved, being a range that gives dependable, efficient service.



Baking tests have proved this range 100% on every point

The high shelf is considered by experienced stove designers as the proper way to equip modern ranges. Therefore this range is made only with high shelf.

French plate top (as shown in illustration) or covers and centers are optional.

Copper reservoir tank can be omitted and the space equipped to form a **handy storage compartment.** These features are optional and at the same cost.

All cast iron construction guarantees long-time durability.

Oven door frame of heavy cast iron is practically indestructible

Extra-heavy duplex grates easily reversible, for coal or wood

Extra-large oven has corrugated bottom that radiates the heat, assuring speed, uniformity and economy in baking

Extra-large heavy firebox, for coal or wood, is lined with three-piece sectional removable fireback and front grate Brick linings, if wanted.

SPECIFICATIONS

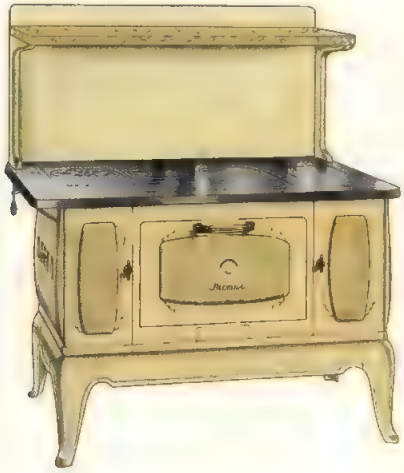
Height Cooking Top 32"	Size Top 45" x 25" in center and 24" at ends	
	Size Oven 18" x 18" x 12"	
Firebox (Sectional Linings) 16½" x 8" x 10" Deep		Length Wood 20½"
Reservoir (Copper) 28 Qts	Pipe Collar 7"	Shipping Weight 530 Lbs
Covers 6—8" or French Top	French Top shipped unless otherwise ordered	

No. N-110FR—RANGES with Reservoir, 530 Lbs	**$107.90**
No. N-110F —RANGES without Reservoir; 525 Lbs	**107.90**

Premier DeLuxe Coal Ranges

FOR COAL OR WOOD

A BEAUTIFUL balanced range for the "masses"; with eye appeal and quality at popular prices PREMIER DeLUXE RANGES have smooth polished cast tops with no-scorch and sectional covers over firebox section Balance of tops consist of two French plates (6 cover top can be furnished if desired).



The finish on these ranges is tan porcelain with Mother-of-Pearl panels as shown in picture. New style bar handles add beauty and make this model strictly up-to-date The oven bottom is corrugated iron and the entire oven is of good gray iron for even and efficient baking

This cast range in balanced design should be displayed along with other larger models (like the Buffet). It fills a certain demand that should not be overlooked and the business lost

Note the size of the top and other dimensions — as large as many so-called 18-inch oven ranges

SPECIFICATIONS

Height Cooking Top 31" Size Top 24" x 40⅝" Size Oven 16" x 17" x 11"
Firebox (Sectional Linings) 15¾" x 8½" x 9½" Length Wood 18"
Reservoir (Copper) 26 Qts. Pipe Collar 7" Approximate Shipping Weight 420 Lbs.
Covers 6—8" or French Top French Top shipped unless otherwise ordered

No. N-66-16R—RANGES with Reservoir, Approximate Shipping Weight 420 Lbs **$87.90**

ROYAL GRAY ENAMELED WARE

ROYAL GRANITE.

Nickel steel base, double coated mottled grey surface, scientifically compounded to produce a long lasting utensil.

TEA KETTLES.

Seamed; flat bottom; enameled covers.

Tea Kettles	D-70G	D-80G	D-90G
Trade capacity, quarts	5	7	8
Actual capacity, quarts	4¾	6¼	7¾
Diameter, ins	9½	10¼	10⅞
In carton, dozen	½	½	½
Weight per carton, lbs.	17	20	22
Per dozen	$18.00	20.00	22.25

TEA POTS.

Seamed; hollow handles; enameled covers.

Tea Pots	D-101G	D-201G
Trade capacity, quarts	1½	22
Actual capacity, quarts	1½	2
Height, ins	5¼	5¾
In carton, dozen	1	1
Weight carton, lbs.	14	15
Per dozen	$12 50	13 50

COFFEE POTS.

Seamed; hollow handles; enameled covers.

Coffee Pots	D-151G	D-251G	D-351G	D-451G
Trade capacity, quarts	1½	2	3	4
Actual capacity, quarts	1½	2	2⅝	3⅛
Height, ins	5¼	5¾	6⅜	7
In carton, dozen	1	1	1	1
Weight carton, lbs	12½	14	17	20
Per dozen	$10 00	11.00	12.00	13.50

COFFEE BOILERS.

Flat bottom; enameled covers.

Coffee Boilers	D-701G	D-801G	D-901G	D-1001G
Trade capacity, quarts	6	8	11	12
Actual capacity, quarts	5½	7½	10	12
Height, ins	8⅝	9¾	10¾	11⅝
In carton, dozen	¼	¼	¼	¼
Weight carton, lbs	10	12	15	18
Per dozen	$19 50	21.00	25.00	27 00

CONVEX SAUCE PANS.

Enameled covers; non-boil over pattern.

Sauce Pans	D-031G	D-041G	D-061G
Trade capacity, quarts	3	4	6
Actual capacity, quarts	2¾	3	5½
Size, ins	7⅛x3⅞	8⅛x4⅜	9¼x5¼
In carton, dozen	½	½	½
Weight carton, lbs	12	14	18
Per dozen	$8.75	10.00	12.50

LIPPED SAUCE PANS.

Hollow handles.

Sauce Pans	D-16G	D-18G	D-20G	D-22G	D-24G
Trade cap., qts	2	2½	3	4	5
Actual cap., qts	1½	2	2½	3	4
Size, ins	7⅛x3½	7¾x3¾	8⅛x3⅝	8⅛x4	10½x4½
In carton, dozen	2	2	2	2	2
Wgt. carton, lbs.	17½	19	23	26	29
Per dozen	$4.00	4.50	5.25	5.50	6.75

ENAMELED WARE.

ROYAL GRANITE.

Nickel steel base, double coated mottled grey surface, scientifically compounded to produce a long lasting utensil.

LIPPED PRESERVING KETTLES.

Preserving Kettles	D-26G	D-28G
Capacity, qts.	6	8
Act. cap., qts.	6	8
Diameter, ins.	10⅞	11½
Height, ins	4⅝	4⅞
In carton, doz.	1	1
Wgt. carton, lbs.	22½	24¼
Per dozen	$7.75	9.00

Preserving Kettles	D-30G	D-32G	D-36G	D-40G
Trade capacity, qts.	10	12	14	18
Actual capacity, qts.	8	9	12	16½
Diameter, ins.	12	12½	13⅛	14⅞
Height, ins.	5⅛	5⅝	6¼	7
In carton, dozen	1	1	½	½
Weight carton, lbs.	20	22	22½	24½
Per dozen	$9.75	12.75	15.75	18.25

CONVEX KETTLES.

Enameled covers; non-boil over pattern.

Convex Kettles	D-041G	D-061G	D-081G	D-0101G	D-0121G
Trade cap., qts.	4	6	8	10	12
Actual cap., qts.	3	5⅛	7	9	12
Diameter, ins.	8⅛	9¾	10¼	10½	11¼
Height, ins.	4⅜	5⅛	5¾	6⅛	6⅝
In carton, dozen	1	½	½	½	½
Wgt. carton, lbs	24	18	21	24	28
Per dozen	$10.00	12.50	16.00	17.00	21.00

DEEP PUDDING PANS.

Deep.

Pudding Pans	D-100G	D-200G	D-300G	D-400G	D-500G	D-600G
Trade cap., qts	1	2	3	4	5	6
Actual cap., qts.	1	2	2½	3	3½	4⅛
Dia., ins.	7⅜	8⅝	9¼	10	11	11¾
Hgt., ins.	2¼	2⅞	3	3⅜	3¾	3⅝
In carton, dozen	3	3	2	2	2	2
Wgt. car. lbs.	16	32	18	26	26	30
Per dozen	$2.50	3.00	3.50	3.75	4.50	5.00

STRAIGHT SAUCE POTS.

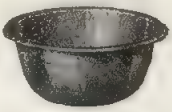
Seamless; enameled cover.

Sauce Pots	D-2401G
Trade capacity, qts.	24
Actual capacity, qts.	24¾
Size, ins.	14x10½
In carton, dozen	¼
Weight carton, lbs.	21¼
Per dozen	$34.25

Seamed; nestable; enameled covers.

Sauce Pots	D-0281G	D-0301G	D-0321G
Trade capacity, qts.	16	20	24
Actual capacity, qts.	15½	19	23
Diameter top, ins.	12½	12⅞	13⅛
Diameter bottom, ins.	10⅞	11⅛	12⅜
Height, ins.	9½	10⅛	10⅞
In carton, dozen	¼	¼	¼
Weight carton, lbs.	16½	17	19
Per dozen	$25.00	27.00	31.00

MIXING BOWLS.



Seamless.

Mixing Bowls	D-12G	D-13G	D-15G	D-16G	D-18G
Trade capacity, qts.	1	2	5	6	8
Actual capacity, qts.	1½	2¼	3½	5	6¼
Size, ins.	7¾x3⅝	8¾x4	10½x4⅝	11¾x5⅞	12⅞x5⅝
In carton, dozen	2	2	2	1	1
Weight carton, lbs.	17	20	25	16	18
Per dozen	$3.50	4.25	5.00	6.25	8.75

MILK OR RICE BOILERS.

Seamless; hollow handles; enameled covers.

Rice Boilers	D-521G	D-521½G	D-531G	D-541G
Trade capacity, qts.	1	2	2½	3½
Actual capacity, qts.	1	1½	2	3
Size, ins.	5¼x5⅜	5¾x5⅞	6¼x6⅛	7¼x7⅝
In carton, dozen	½	½	½	½
Weight carton, lbs.	15	17	18	23
Per dozen	$16.25	17.50	20.00	24.00

ROYAL GRANITE.

Nickel steel base, double coated mottled grey surface, scientifically compounded to produce a long lasting utensil.

CEREAL COOKERS.

Seamless body and inset; enameled covers.

Cereal Cookers.	D-6081G	D-6091G
Trade capacity, qts.	11	12
Actual capacity, qts	11	14
Depth, ins (inset)	7¼	8⅞
Diameter, ins. (inset)	11½	12⅞
Depth, ins (body)	8¾	9⅝
Diameter, ins. (body)	11½	11⅞
In carton, dozen	1/12	1/12
Weight carton, lbs.	91½	101½
Per dozen	$53.25	60.50

WATER PAILS.

Seamless.

Water Pails	D-110G	D-112G	D-114G
Trade cap., qts.	10	12	14
Actual cap., qts.	9	10¾	13½
Height, ins	10¼	10⅝	12
Diameter, ins	8⅝	8¾	9¾
In carton, doz.	½	½	½
Weight carton, lbs.	15	17½	21
Per dozen	$12.50	15.00	17 25

WINDSOR DIPPERS.

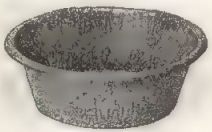
Round handle.

Dippers	D-100G	D-110G	D-112G
Trade capacity, qts.	½	1	2
Actual capacity, qts.	½	1¼	1½
Size, ins.	4⅝x2¼	4¾x2½	5½x2¾
In carton, dozen	2	2	2
Weight carton, lbs.	13	14½	16
Per dozen	$3.25	3.50	3.75

DISH PANS.

Round, with Handles.

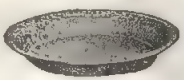
Dish Pans	D-100G	D-140G	D-170G	D-210G
Trade cap., qts.	10	14	17	21
Actual cap., qts	9¾	11½	16	20¼
Size, ins.	15x5	16½x5	18½x5⅝	20¾x6⅞
In carton, dozen	1	1	1	½
Weight carton, lbs.	28½	33	46	82
Per dozen	$10.50	11.50	14.25	20.00



Round, Rolled Rim.

Dish Pans	D-201G	D-241G	D-271G
Trade capacity, qts.	10	14	17
Actual capacity, qts.	9¾	11½	16
Size, ins.	15x5	16½x5	18½x5⅝
In carton, dozen	1	1	1
Weight dozen, lbs	25½	30	42½
Per dozen	$8.00	10.00	12.50

PIE PLATES.



Pie Plates	D-39G	D-40G
Diameter, ins.	8⅝	9½
Depth, ins.	1¼	1¾
In carton, dozen	3	3
Weight carton, lbs.	19½	23½
Per dozen	$2.50	2 85

MILK KETTLES.

Not Royal.

Seamless enameled covers; deep rim with locking groove in cover.

Milk Kettles	D-54G
Trade capacity, qts.	4
Actual capacity, qts.	4
Size, ins.	6¾x9½
In carton, dozen	¼
Weight carton, lbs.	8
Per dozen	$21.60

ENAMELED WARE.

ROYAL GRANITE.

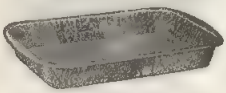
Nickel steel base, double coated mottled grey surface, scientifically compounded to produce a long lasting utensil.

COVERED BUCKETS.

Seamed, with Enameled Covers.

Covered Buckets	D-231G	D-241G
Trade capacity, qts.	3	4
Actual capacity, qts.	2½	3⅓
Inches	6¾x4¾	7½x5½
In carton, dozen	1	1
Weight carton, lbs.	16	19
Per dozen	10.50	12.50

STOVE PANS.



Stove Pans	D-912G	D-914G	D-916G
Size, inches	11¾x8¾	13¾x9¼	15¾x9¾
Depth, inches	1¾	2	2¼
In carton, dozen	1	1	1
Weight carton, lbs.	13½	15	18
Per dozen	$5.50	7.00	$8.50

COLANDERS.

Per Dozen

No. D-2205G — Colanders; seamless; size, 10¾x4¾ inches; weight per carton, 17½ lbs. . . . . mas $8.00

One dozen in a carton.

MEASURES.

U. S. Standard.

Measures	D-14G	D-16G
Actual capacity, qts.	1	4
Size, ins.	4¼x6⅛	6¾x9¾
In carton, dozen	2	1
Weight carton, lbs.	25	28
Per dozen	$7.25	12.50

FUNNELS.

Funnels	D-03G	D-04G	D-05G
Actual cap. qts.	¾	1½	1¾
Diameter, ins.	4½	5½	7¾
In carton, dozen	2	2	2
Weight carton, lbs.	9	13	22
Per dozen	$4.50	5.50	6.50

DRINKING CUPS.

Seamless.

Drinking Cups	D-6G
Trade capacity, pints	1
Actual capacity, pints	1
Size, ins.	4x2⅝
In carton, dozen	3
Weight carton, lbs	12
Per dozen	$2.75

Deep, Seamless.

Drinking Cups	D-9G	D-10G
Trade capacity, pints	¾	1
Actual capacity, pints	⅔	¾
In carton, dozen	3	3
Weight carton, lbs.	9	12
Per dozen	$2.45	2.65

BASTING SPOONS.

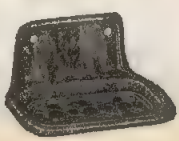
Basting Spoons	D-12G	D-14G
Length, ins	12	13½
In package, dozen	3	3
Weight package, lbs.	10	11
Per dozen	$2.00	2.25

SOUP LADLES.

Soup Ladles	D-38G
Size, ins.	3¾x11
In package, dozen	3
Weight package, lbs.	8¼
Per dozen	$2.90

SOAP DISHES.

With Drainer.



Soap Dishes	D-60G
Size, inches	5⅞x4½x⅞
Weight per dozen, lbs.	5
Per dozen	lyb $3.50

Three dozen in a carton.

ROYAL GRANITE.

Nickel steel base, double coated mottled surface, scientifically compounded to produce a long lasting utensil.

WASH BOWLS.

Deep Shape.

Wash Bowls	D-28G	D-30G	D-32G	D-34G
Diameter top, ins	11½	12	12½	13½
Height, ins	3¼	3½	3¾	3¾
In carton, dozen	2	2	2	2
Weight carton, lbs	22	25	30	35
Per dozen	$4.00	4.25	4.75	5.50

CHAMBERS.

Chambers	D-1G	D-1½G	D-2G
Size, ins	7½x3¾	8½x4¼	9½x4¾
In carton, dozen	1	1	1
Weight carton, lbs	10½	14	16
Per dozen	$4.50	5.50	7.25

CHAMBER COVERS.

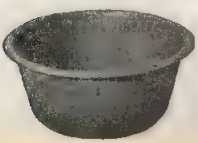
Chamber Covers	D-1G	D-1½G	D-2G
Diameter, ins	8½	9	10¼
In carton, dozen	1	1	1
Weight carton, lbs	6	7	8
Per dozen	$2.75	3.25	3.75

IVORY ENAMELED.

DEEP DISH PANS.

Per Dozen

No. D-14I—Dish Pans; round; rolled rim; capacity, 14 quarts; weight per dozen, 46 lbs. $7.80



GRAY ENAMELED.

Per Dozen

No. D-14G—Dish Pans; rolled rim; capacity, 14 quarts; weight per dozen, 45 lbs. $5.80

VITROX IVORY AND GREEN.

DRIP COFFEE POTS.

Enameled inside and out with high quality triple coated enamel. Made in two colors, Vitrox ivory, green trim and Vitrox green, green trim. Hollow enameled handle

GREEN.

Drip Coffee Pots	D-1241	D-1281
Capacity, cups	2-5	2-8
Weight dozen, lbs	23	30
Per dozen	$18.00	21.60

IVORY.

Drip Coffee Pots	D-241	D-281
Capacity, cups	2-5	2-8
Weight dozen, lbs	23	30
Per dozen	$18.00	21.60

Six in a carton.

SWEDISH WHITE.

CEREAL PLATES AND CUPS.

Enameled white inside and out, blue rim and handles; extremely durable and free from poisonous substances.

CEREAL PLATE AND CUP SETS.

Per Set

No. D-CS—Cereal Plate and Cup Sets; consisting of child's cereal plate and straight cup; made of Swedish white enameled ware $0.70

CEREAL PLATES.

Each

No. D-216—Cereal Plates; can't tip over; diameter, 7⅛ inches; seamless Swedish white ware, blue rim and decorated center $0.50

CUPS.

Each

No. D-207—Cups; capacity, ½ pint; seamless Swedish white ware, blue rim and handle $0.30

BLUE WITH WHITE LINING.

CHILDS' SETS.

Enameled light blue outside with white lining.

Per Set

No. D-195—Childs' Sets; consisting of one only ½-pint mug, one only 6¼-inch dish and one only 8-inch dinner plate; weight per set, 1 lb $1.08

In bulk.

ROYAL WHITE ENAMELED WARE

ROYAL WHITE.

High quality triple coated enameled, gleaming white; new shapes.

TEA KETTLES.

Seamless; wide opening; handle supporting ears.

Tea Kettles	D-070R	D-080R
Actual capacity, quarts	4½	7
Size, ins	8½	9½
In carton, dozen	½	½
Weight carton, lbs	24	27
Per dozen	$34.25	40.00

TEA POTS.

Seamless; enameled cover and knob; new shape.

Tea Pots	D-2010R	D-2020R
Trade cap., qts.	1½	2
Actual cap., qts.	1⅔	2
Inches	4¾	5⅛
In carton, dozen	1	1
Wgt carton, lbs.	21½	23
Per dozen	$26 25	29.00

COFFEE POTS.

Seamless; enameled cover and knob; new shape.

Coffee Pots	D-1501R	D-2501R	D-3501R
Trade capacity, quarts	1½	2	3
Actual capacity, quarts	1⅝	2	2¾
Inches	4¾	5½	7¼
In carton, dozen	1	1	1
Weight carton, lbs	5¼	6	7
Per dozen	$25.00	27.00	28.00

PERCOLATORS.

Seamless; green glass top; bell shaped broad flat bottom prevents tipping.

Percolators	D-4R	D-8R	D-12R
Capacity, cups	4	8	12
Actual cap., quarts	1½	2¼	3½
Inches	4⅝	5⅝	6¾
In carton, dozen	½	1	1
Wgt carton, lbs	11	23	26
Per dozen	$27.00	30.00	35.00

CONVEX SAUCE PANS.

Enameled covers; non-boil over pattern; hand fitting structural handles.

Sauce Pans	D-031R	D-041R	D-061R
Trade cap., qts.	2	4	6
Actual cap., qts	2¾	3¾	5
Diameter top, ins.	7⅝	8½	9⅛
Height, ins	4⅞	5½	6
In carton, doz.	½	½	½
Wgt. carton, lbs.	15	18	22
Per dozen	$15.50	17.25	21.75

IMPERIAL SAUCE PANS.

Deep; hand fitting structural handles.

Sauce Pans	D-112R	D-116R	D-118R	D-120R	D-122R	D-124R
Trade capacity, qts	1	2	2½	3	4	5
Actual capacity, qts	1	1¾	2¼	2¾	3½	5
Diameter top, ins	5¾	7	7¾	8½	9	10⅛
Hgt., ins.	3¼	4	4⅛	4¼	4⅝	4⅞
In carton, dozen	2	2	2	1	1	1
Weight carton, lbs	22	31	36	23	25	28
Per doz.	$8.00	9.00	10.00	10.75	12.00	14.50

CONVEX KETTLES.

Non-boil over pattern; wood grip; enameled covers; handle supporting ears.

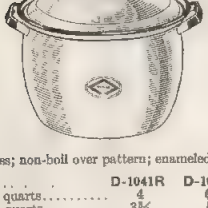
Convex Kettles	D-041R	D-061R	D-081R	D-0101R	D-0121R
Trade cap., qts.	4	6	8	10	12
Actual cap., qts	3¾	5	7	8½	11
Size, ins	8½x5½	9½x6	10x6¾	10½x7¼	11⅝x8¼
In carton, dozen	1	½	½	½	½
Weight carton, lbs.	32	21	25	29	36
Per dozen	$17.25	21.75	25.50	28.00	32.00

ENAMELED WARE.

ROYAL WHITE.

High quality triple coated enameled, gleaming white; new shapes

CONVEX SAUCE POTS.

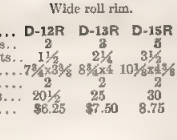


Seamless; non-boil over pattern; enameled covers.

Sauce Pots	D-1041R	D-1061R	D-1081R
Trade capacity, quarts	4	6	8
Actual capacity, quarts	3¾	5	7
Size, ins	8½x5½	9½x6	10x6¾
In carton, dozen	1	¼	½
Weight carton, lbs	31	21	23
Per dozen	$17 25	21.75	25.50

Sauce Pots	D-10101R	D-10121R	D-10161R
Trade capacity, quarts	10	12	16
Actual cap., qts	8¼	11	15¾
Size, ins	10½x7¼	11¾x8¼	12¾x9⅜
In carton, dozen	½	½	¼
Weight carton, lbs	28	34	24
Per dozen	$28 00	32.00	46.00

DEEP MIXING BOWLS.



Wide roll rim.

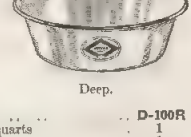
Mixing Bowls	D-12R	D-13R	D-15R	D-16R	D-18R
Trade capacity, qts	2	3	5	6	8
Actual capacity, qts	1½	2¼	3½	5¼	6
Size, ins	7¾x3⅜	8¾x4	10½x4⅜	11¼x5¼	12⅜x5⅜
In carton, dozen	2	2	1	1	1
Weight carton, lbs	20½	25	30	21	25
Per dozen	$6.25	$7.50	8.75	11 50	12.75

OBLONG STOVE PANS.

Seamless; extended edge handles.

Stove Pans	D-912R	D-914R	D-916R
Size, ins	11¾x8¾x1¾	13¾x9¼x2	15¾x9¾x2⅛
In carton, dozen	1	1	1
Weight carton, lbs	16	18	25
Per dozen	$11.00	12.00	14.75

PUDDING PANS.

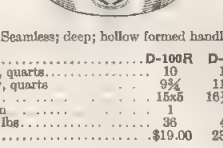


Deep.

Pudding Pans	D-100R	D-200R	D-300R
Trade capacity, quarts	1	2	3
Actual capacity, quarts	1	2	2¼
Size, ins	7⅜x2¼	8⅝x2⅝	9¼x3
In carton, dozen	3	3	2
Weight carton, lbs	23½	32	23
Per dozen	$5.00	6.00	6.75

Pudding Pans	D-400R	D-600R
Trade capacity, quarts	4	6
Actual capacity, quarts	3	4½
Size, ins	10x3⅜	11¾x3⅝
In carton, dozen	2	2
Weight carton, lbs	28	41
Per dozen	$7 50	9.75

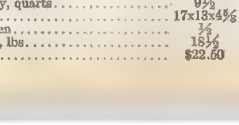
ROUND DISH PANS.



Seamless; deep; hollow formed handles.

Dish Pans	D-100R	D-140R	D-170R
Trade capacity, quarts	10	14	17
Actual capacity, quarts	9¾	11½	16
Size, ins	15x5	16⅜x5	18⅛x5⅝
In carton, dozen	1	1	1
Weight carton, lbs	36	42	56
Per dozen	$19.00	23.00	32.25

OVAL DISH PANS.



Seamless; hollow formed handles.

Dish Pans	D-12R	D-15R
Trade capacity, quarts	12	15
Actual capacity, quarts	9½	12
Size, ins	17x13x4⅝	19x14½x5
In carton, dozen	½	½
Weight carton, lbs	18½	24½
Per dozen	$22.50	27.75

ROYAL WHITE.

High quality triple coated enameled, gleaming white; new shapes.

DOUBLE BOILERS.

Seamless; enameled covers with inside rims; hand fitting structural handles; large bottom bowl.

Double Boilers	D-521R	D-521½R	D-531R	D-541R
Trade capacity, quarts	1	2	2½	3½
Actual capacity, quarts	1	1½	2	3
Size, ins	5⅝x5⅝	5⅝x5⅞	6¼x6⅛	7¼x7⅝
In carton, dozen	½	½	½	½
Weight carton, lbs	17	19½	22	28
Per dozen	$25 25	28.75	32.00	39.00

WATER PAILS.

Seamless; wood grips.

Water Pails	D-110R	D-112R	D-114R
Trade capacity, quarts	10	12	14
Actual capacity, quarts	9	10¼	13¼
Size, ins	10¼x8⅝	10⅝x8¾	12x9¼
In carton, dozen	½	½	½
Weight carton, lbs	19	23	26
Per dozen	$18.00	24.75	27.50

WINDSOR DIPPERS.

Improved round enameled handles.

Dippers	D-1100R	D-1110R	D-1112R
Trade capacity, quarts	½	1	2
Actual capacity, pints	1	1¼	1½
Size, ins	4½x2¼	4¾x2½	5½x2¾
In carton, dozen	2	2	2
Weight dozen, lbs	16	17½	19½
Per dozen	$4.75	6.00	6.50

WASH BOWLS.

Deep shape; with eyelet; wide rim.

Wash Bowls	D-30R	D-32R	D-34R	D-36R
Size, ins	12x3½	12¾x3¾	13½x3¾	14½x4
In carton, dozen	2	2	2	2
Wgt. carton, lbs	32½	39	45	55
Per dozen	$8.25	9.50	11.00	12.50

BABY BATHS.

Per Dozen

No. D8-3R—Baby Baths; seamless; wide rim; size, 27½x17¾x7 inches; weight carton, 39 lbs. $36.50

One-quarter dozen in a carton.

Per Dozen

No. D-161R—Baby Baths; seamless; deep shape; flat rim; size, 21x17x6½ inches; weight carton, 13½ lbs. $33.50

Quarter dozen in a carton.

WATER PITCHERS.

Pitchers	D-2R	D-3R	D-4R
Trade cap., qts	2	3	4
Actual cap., qts	1¾	2½	3
Size, ins	4¼x6¼	5x6¾	5x7
In carton, dozen	½	½	½
Wgt. carton, lbs	8	13	14
Per dozen	$15.25	17.50	19.50

Pitchers	D-25R
Actual capacity, quarts	4¾
Size, ins	6x10¼
In carton, dozen	½
Weight carton, lbs	19
Per dozen	$24.50

ENAMELED WARE.

ROYAL WHITE.

High quality triple coated enameled, gleaming white; new shapes.

COLANDERS.

Per Dozen

No. D-220SR—Colanders; extra deep; seamless; size, 10¼x4¾ inches; weight carton, 22¼ lbs. $15.00

One dozen in a carton.

SOUP BOWLS.

Per Dozen

No. D-125R—Soup Bowls; seamless; actual capacity, ¾ quart; size, 5¾x2⅝ inches; weight carton, 5½ lbs. $3.75

Three dozen in a carton.

SOUP PLATES.

Per Dozen

No. D-59R—Soup Plates; diameter, 9 inches; weight carton, 25 lbs. $4.25

Three dozen in a carton.

DINNER PLATES.

Per Dozen

No. D-20R—Dinner Plates; diameter, 10 inches; weight carton, 24½ lbs. $4.00

Three dozen in a carton.

PIE PLATES.

Pie Plates	D-40R
Diameter, ins	9½
In carton, dozen	3
Weight carton, lbs	32½e
Per dozen	$4 75

CUPS AND SAUCERS.

Per Dozen

No. D-100R—Cups and Saucers; actual capacity cup, ½ pint; size cup, 3⅜x2¼ inches; diameter saucer, 6⅛ inches; weight carton, 18 lbs. $6.75

Three dozen in a carton.

DRINKING CUPS.

Nos. D-9R and D-10R.

No. D-6R.

Drinking Cups	D-9R	D-10R	D-6R
Trade capacity, pints	¾	1	1
Actual capacity, pints	½	¾	1
Size, ins	3⅞x2⅛	4¼x2¼	4x2⅝
In carton, dozen	3	3	3
Weight carton, lbs	11¼	15¼	15
Per dozen	$4.10	4.35	4.75

SOUP LADLES.

Threaded handles.

Soup Ladles	D-38R
Size, ins	3¾x11
In carton, dozen	3
Weight carton, lbs	11
Per dozen	$4.75

DEEP LADLES.

Solid flat hook handles.

Deep Ladles	D-100R
Size, ins	4x12
In carton, dozen	3
Weight carton, lbs	11
Per dozen	$5.25

ROYAL WHITE.

High quality triple coated enameled, gleaming white; new shapes.

SINK DRAINERS.

Per Dozen

No. D-7R—Sink Drainers; seamless; deep; with feet; size, 9⅛x7¾x2⅜ inches; weight carton, 31¼ lbs..... $9.00

Two dozen in a carton.

WALL SOAP DISHES.

Per Dozen

No. D-60R—Soap Dishes; with drainer; size, 5⅞x4⅛x⅞ inches; weight per carton, 20 lbs..... $5.50

Three dozen in a carton.

CUSPIDORS.

Gold Medal.

Self-draining; adopted by U. S. Government for use in Federal offices.

Per Dozen

No. D-114R—Cuspidors; seamless; wide neck; easy to drain and clean; black bead; size 8⅝x5 inches; weight carton, 21 lbs..... $22.00

Half dozen in a carton.

Farwell O.K. . . . .

WHEN YOU SEE THIS LABEL,

YOU KNOW YOU ARE SAFE. IT STANDS FOR THE FINEST QUALITY WE CAN MAKE AT MEDIUM PRICES.

SPITTOONS.

Per Dozen

No. D-200R—Spittoons; loose tops; size, 9¼x4½ inches; weight carton, 12½ lbs $20 00

Half dozen in a carton.

COMBINETS.

Per Dozen

No. D-25R—Combinets; combination commode and slop jar; wood grip, rubber bumpers; seamless enameled covers; trade capacity, 12 quarts; weight carton, 40 lbs..... $33.12

Half dozen in a carton.

CHAMBERS.

Chambers	D-1R	D-1½R	D-2R
Size, ins.	7½x3¾	8⅝x4½	9½x4¾
Weight carton, lbs.	12¾	17	20¼
Per dozen	$8 00	10.00	12.25

CHAMBER COVERS.

Chamber Covers	D-1R	D-1½R	D-2R
Size, ins.	8½	9	10¼
Weight carton, lbs.	6¾	8½	10½
Per dozen	$5.00	6.00	7.00

Above, one dozen in a carton.

LAMPS

COLEMAN

Instant Lighting

Equipped with Decorated Parchment Shade and Inner Mica Globe, which Protects Mantles; also Equipped with New Jumbo Size, High Efficiency, No. R55, Rotary Generator with Automatic Gas Tip Cleaning Needle that is Operated by a Rotary Lever.

Larger Generator Space Means Longer Service, Accommodates a Wider Range of Fuel, Gives Better Lighting Service, Greater Economy.

Fount Attractively Finished in Indian Bronze; Built in Pump; Fuel Capacity of Fount 3 Pints, Sufficient for 15 to 18 Hours of Brilliant Light.

Dimensions of Shade: Diameter at Bottom, 15 inches; Height, 7¾ inches.

Height of Lamp Over All, 19½ inches. Each

No. 132P—Weight Each, 9 lbs. . . . **$11.60** 8 70
One in a Carton

Match Generating

Standard Coleman Quick-Lite Lamp; Equipped with Decorative, Embossed Fount, Finished in Brushed Silvertone; Fitted with Decorated Parchment Shade; Equipped with Inner Mica Globe which Protects Mantles from Flying Insects; Also Equipped with New Jumbo-Size, High-Efficiency, No. R55 Generator with Automatic Gas Tip Cleaning Needle; Operated by Rotary Lever; Larger Generator Space Means Longer Service, Wider Range of Fuel, Better Lighting Service, Greater Economy.

Dimensions of Shade: Diameter at Bottom, 15 inches; Height, 7¾ inches.

Fuel Capacity of Fount, 3 Pints, Enough for 15 to 18 Hours of Brilliant Lighting Service.

Each

No. 131P—Weight Each, 9 lbs. . . **$10 00** 7.50
One in a Carton

LAMPS

COLEMAN

Match Generating

Especially Adapted for Every Lighting Need About the Home; Equipped with Parchment Shade, Having Black and Silver Decorations, with Inner Mica Globe, which Protects Mantles.

Also Equipped with High Efficiency, Jumbo Size No. R55 Generator with Automatic Gas Tip Cleaning Needle, Operated by a Rotary Lever; Larger Generator Space Means Longer Service, Wider Range of Fuel, Better Lighting Service, Greater Economy.

Fount Has Attractive Brushed Silver Finish; Fuel Capacity of Fount 2 Pints, Enough for 10 to 12 Hours Service.

Dimensions of Parchment Shade: Diameter at Bottom, 12 inches; Height, 7 inches.

Each

No. 130P—Weight Each, 6 lbs. . . . **$8.00** 5.95
One in a Carton

Match Generating

Especially Adapted for Every Lighting Need About the Home; Equipped with 7-inch, Three-Quarter Frosted, Heat-Resisting Glass Globe which Protects Mantles from Flying Insects.

Also Equipped with New High Efficiency, Jumbo-Size No. R55 Generator with Automatic Gas Tip Cleaning Needle, Operated by a Rotary Lever; Larger Generator Space Means Longer Service, Wider Range of Fuel, Better Lighting Service, Greater Economy.

Fount Has Attractive Brushed Silver Finish; Fuel Capacity of Fount 2 Pints, Enough for 10 to 12 Hours Service.

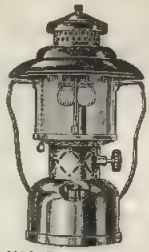
Each

No. 130G—Weight Each, 6 lbs. . . . **$8 00** 5.95
One in a Carton

LANTERNS

COLEMAN

INSTANT-LITE With Built-in Pump



Operates Like New Instant-Lite Coleman Lamp; Equipped with New Roto-Type Burner, Built-in Pump, and Hand - Operated Filler Plug; Fitted with Pyrex Globe Chimney—Wind-proof Rain-proof, Insect-proof; Also has 8⅝ inch Green Porcelain Enameled Top, the Underside of which is White Enameled to Aid in Reflecting Light Downward.

Fount is 6 inches in Diameter, Finished in Highly Polished Nickel and Holds 2 Pints of Fuel—Enough for 12 to 15 Hours' Service.

Height Over All, 14½ inches; Packed, One Lantern Complete with 2 Mantles and Wrench.

Each

No. 228B—Weight Each, 7¼ lbs. . . . **$11.90** 8 50
One in a Carton

COLEMAN

With Built-in Pump

This Lantern is the Same as the Model No 228B, Except That (on this No. 220B Lantern) the Green Porcelain Enameled Top is Smaller — 5¾ inches in Diameter; Has the Same New Roto-Type Burner,—the Same Construction and Operating Features. Always Ready for Any Outdoor Use in Any Wind or Weather.

Packed One Lantern in a Carton; Complete with Two Mantles and Wrench; Fitted with Pyrex Globe Chimney.

Each

No. 220B—Weight Each, 6 lbs. . . . **$11.00** 7.95
One in a Carton

COLEMAN

JUNIOR With Built-in Pump

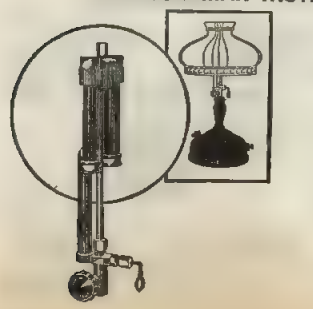
Lights Instantly; Has Roto-Type Burner; Single Mantle Type; Fuel Capacity, 1⅛ Pints; Enough for 7 to 9 Hours Service; Produces Up to 150 Candlepowers of Pure White Light.

Equipped with Built-in Pump; Pyrex Glass Globe, Bulge Type; Green Porcelain Enameled Ventilator Top; Fount Nickel Plated Brass; 5 inches in Diameter; Height, 11¾ inches; Packed Complete with Globe, Mantle, and Direction Sheet.

Each

No. 242-A—Weight Each, 4 lbs. . . . **$8.30** 5
One in a Carton

COLEMAN INSTANT-LITE LAMPS



Equipped with the New Roto-Type Burner

Here are the Finest Coleman Lamps and Lanterns Produced in More than 30 Years of Manufacturing Experience—the New Coleman Instant-Lites with Roto-Type Burners.

In the New Roto-Type Burner an Extra-Large, Oversize Generator Provides More Space for Carbon, Insures Longer Life and Improved Service; Generator is Equipped with Gas Tip Cleaning Needle, Which Provides an Easy, Quick and Sure Method of Cleaning the Gas Tip Either Before or After Lighting. Generator and Cleaning Needle are Only Parts that Need to be Occasionally Replaced. All Other Mechanical Parts for Operating the Cleaning Needle are Built in as a Part of the Burner. The New Roto-Type Burner Unit is Easily and Quickly Installed on Instant-Lite Lamps.

LAMPS AND LANTERNS

COLEMAN QUICK-LITE

These Lamps and Lanterns Make and Burn Their Own Gas from Clean Undoped Gasoline; No Smoke, No Smell, No Dirty Chimneys or Any Greasy Wicks; They Give a Very Bright White Light, 200 to 300 Candle Power, According to Pressure Used; No Damage if Upset; So Constructed That They Cannot Explode; Simple, and Easy to Operate; No Delicate Parts to Get Out of Order; Light with Match; Torch Not Necessary.

With Built-In Pump

Built-in Pump and Hand Operated Filler Plug; Fount Holds Two Pints of Fuel, Enough for 12 to 15 Hours' Service; Complete with Mica Chimney, Two Mantles, Wrench, Cleaning Pick and Extra Generator.

Each

No. L427—Weight Each, 6 lbs.....$9.70 6.95
One in a Carton

MICA CHIMNEYS

COLEMAN

13-Piece Mica Chimneys for All Coleman Quick-Lite and Instant-Lite Lanterns, Except Coleman Junior.

Each

No. G827—Weight Each, 4 ozs.....$1.10 .65
Half Dozen in a Carton
Per Dozen
In Dozen Lots..... $12.00

Each

No. G440—For No. 242 Lanterns, Weight Each, 4 ozs.....$0 80 .60
Half Dozen in a Carton
Per Dozen
In Dozen Lots.....$8.50

PYREX GLOBES

COLEMAN

Each

No. G830—For Nos. 220B and 228B Lanterns; Weight Each, 1 lb.....$1.60 1.00
Per Dozen
In Dozen Lots..... $16.80

Each

No. 550—For No. 242-A Lanterns Bulge Type; Weight Each, ¾ lb.....$1.10 .80
Per Dozen
In Dozen Lots..... $11 00

PARCHMENT SHADES

COLEMAN

This New Shade is for Use on Quick-Lite Lamps C329, C362 and Instant-Lite Lamps 117A and 118A; with this Shade it is Necessary to Use No. 062 Glass Shade with Special Globe Fitter Assembly No. 462; it Protects the Shade from Heat of Mantles; This Parchment Shade is Light Tan in Color, with Black and Gold Decorations; It Subdues and Softens the Light and Adds Greatly to the Attractiveness of the Lamp, 16 inches in Diameter, 8½ inches High.

Each

No. 054—Weight Each, 1 lb.....$1.60 1.65
One Dozen in a Carton
Per Dozen
In Carton Lots..... $15.50

GLASS SHADES

COLEMAN

10-inch "Kremelite" Plain Shades for Nos. 117A and 118A Lamps.

Each

No. 443—Weight Each, 2 lbs.....$2.20 1.50
Half Dozen in a Carton
Per Dozen
In Carton Lots..... $32.00

GLOBE FITTER ASSEMBLY

COLEMAN

This Fitter, which is for Use in Connection with Glass Globe No. 062, May be Used on Quick-Lite Lamps Nos. C329, C362, and Instant-Lite Lamps Nos. 117A and 118A; Fitter is Spring Type with 3⅝-inch Opening; Easy to Release and Holds Globe Securely in Place.

Each

No. 462—Weight Each, 4 ozs. .....$1.10 .60
Loose
Per Dozen
In Dozen Lots..... $11.00

FILTER FUNNELS

COLEMAN

2½ inches Diameter at Top; 3¾ inches Long; Copper Finish with Strainer and Heavy Felt Filter Washer; Filtered Gasoline will Prolong the Life of Generators 50%.

Each

No. O—Weight Each, 2 ozs.....$0.60 .55
Loose

BUG SCREENS

COLEMAN

For Use on all Coleman Instant-Lite Lamps and all Coleman Quick-Lite Lamps Equipped with No. 117-342 Shade Holder; Protects Mantles from Flying Bugs or Insects; Made of Asbestos Coated Wire with Metal Collar; 5 inches in Diameter with 3⅝-inch Center Opening; Furnished Complete with Clip for Fastening to Shade Holder.

Each

No. 350A—Weight Each, ½ lb.....$1.10 .75
Loose
Per Dozen
In Carton Lots..... $12.00

For Coleman Quick-Lite Lamps

Made of Asbestos Coated Wire with Metal Collar; It is 5 inches in Diameter with 3⅝ inches Center Opening; Furnished Complete with Clips for Fastening to Shade Holder.

Each

No. 310Q—Weight Each, ¾ lb.....$0.80 .60
Loose
Per Dozen
In Carton Lots..... $9.60

GLASS SHADES

COLEMAN

Each

No. 329—For No. C329 Lamp; Weight Each, 2 lbs.....$2.20 1.50
Half Dozen in a Carton
Per Dozen
In Carton Lots..... $22.00

Each

No. 062—For No. C362 Lamps; Weight Each, 1 lb.....$1.60 1.00
Half Dozen in Carton
Per Dozen
In Carton Lots..... $15 40

LAMP AND LANTERN GENERATORS

COLEMAN

COIL TYPE

(Gas Tip Marked Q)

Regular Standard Equipment on All Coleman Quick-Lite Lamp and Lanterns. Preferred for Use on Quick-Lite Lamps and Lanterns.

Per Dozen

No. Q99—Weight per Dozen, ⅝ lb..... $5.00 4.20

One in an Individual Carton

STRAIGHT TYPE

(Gas Tip Marked J)

Standard Equipment on Instant-Lite Models 117, 118, 119, 220 and 228; Made for Users Who Find it Necessary to Make Frequent Generator Changes on Account of Low Grade or Unfit Gasoline.

Per Dozen

No. Q77—Weight per Dozen, ¼ lb..... $3 20 2 40

Half Dozen Loose in Carton

ROTARY TYPE

(Gas Tip Marked J)

Equipped with Automatic Cleaning Needle Which is Operated by Rotary Lever; May be Used on Models 117, 118, 119, 220 and 228. It is also Regular Equipment on No. 480 Hot Ray Heater.

Per Dozen

No. R55—Weight per Dozen, 1 lb. $8.00 6.00

One in an Individual Carton

ROTO-CLEANING TYPE

(Gas Tip Marked V)

For Use on No. 118A-399 Roto-Type Lamp Burner and Instant-Lite Lamps and Lanterns Having New Roto-Type Burner. Equipped with Cleaning Needle Operated by Rotary Lever.

Per Dozen

No. T44—Weight per Dozen, ¼ lb..... $5 00 4 20

Half Dozen Loose in Carton

ROTO-CLEANING TYPE

(Gas Tip Marked "6")

For Use on No. 242P Junior Lanterns Only; Has Automatic Cleaning Needle Operated by a Rotary Lever.

Per Dozen

No. T66—Weight per Dozen, ¼ lb..... $5.60 4.20

Half Dozen Loose in Carton

GASOLINE MANTLES

COLEMAN JUNIOR

Double Weave Six-Cord Cotton

Famous for Durability and Brilliant Natural Light; Reinforced at Bottom; No Side Seams to Split or Reduce Brilliance. Saturated with Purest Light-Giving Chemicals by a Special Coleman Process.

Made from Special High-Grade, Six-Cord Cotton Mantle Thread; Especially for Coleman Lamps and Lanterns; Also for All Makes Using Same Size Mantles. Packed two in Glassine Envelope; Six Envelopes in Waxine Box; Dozen Boxes (1 gross mantles) in Handsome Counter Display Container

Per Dozen

No. 41—Weight per Gross, 1½ lbs.. $1 40 90

One Gross in a Display Carton

Per Gross

In 1 Gross Lots or More..... $13 80

COLEMAN SILKLITE JUNIOR

Super-Quality Rayon Fiber

The New Coleman Silk-Lite Mantles are the Result of Careful Chemical Study and Experimental Test. Single Weave Design, Made from Special Treated Rayon Fiber; Reinforced Across Bottom; No Side Seams to Split or Reduce Illumination; Free from Injurious Chemicals. Tops Treated with Special Hardening Solution, Providing Extra Strength where Mantles Attach to Burner Cap; Will Withstand Exceptionally Severe Shock Tests.

Two in Glassine Envelope; Six Envelopes in Waxine Box; Dozen Boxes (1 Gross Mantles) in Handsome Counter Display Container.

Per Dozen

No. 21—Weight per Gross, 1½ lbs..... $1.20

One Gross in a Display Carton

Per Gross

In Gross Lots or More..... $13.20

COLEMAN RAYTEX JUNIOR

The Coleman Raytex Mantle is a New Coleman Developement, Made of Rayon and Especially Designed for a Satisfactory Low Priced Mantle Suitable for Use on Coleman Lamps and Lanterns. This Mantle is Fully "Denitrated" for the Purpose of Keeping Indefinitely Before Use Without Deterioration.

It is an Exceptional Mantle Made to Retail for 5 Cents.

Per Dozen

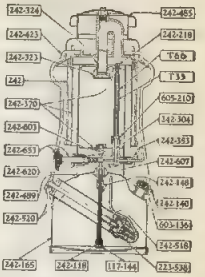
No. 31—Weight per Gross, 1½ lbs..... $0 90

Per Gross

In Gross Lots or More..... $10.00

One Gross in a Display Carton

INSTANT-LITE LANTERN REPAIR PARTS



For Model 242P Lantern	Each
✣No. T33—Generator Cleaning Needle (242-238)	$0 30
✣No. 117-144—Tip Protector and Screen	.30
No. 223-538—Pump Check and Valve.	.40
✣No. 242-118—Fuel Tip (Marked "5")	.10
No. 242-140 Filler Plug Complete.	.40
✣No. 242-148—Fuel and Air Wire Complete	1 20
✣No. 242-105—Fount Complete.	6 00
✣No. 242-218—Gas Tip.	.10
✣No. 242-304—Tip Cleaner Eccentric Block	.10
No. 242-323—Burner Cap and Screen.	.40
No. 242-324 Burner Tube.	.20
✣No. 242-353—Tip Cleaner Stem Complete	.60
✣No. 242-370—Frame and Burner Complete	2.40
✣No. 242-423—Bail	.30
✣No. 242-455—Ventilator	1.50
✣No. 242-499—Globe Base Rest	.20
No. 242-518 Pump Leather Assembly.	.20
✣No. 242-520—Pump Plunger Complete	.90
✣No. 242-603—Frame to Valve Connecting Stud	.10
✣No. 242-607—Valve Body	1 20
✣No. 242-620—Valve Stem Packing.	.05
✣No. 242-651—Valve Stem Complete.	.60
✣No. 603-136—Filler Plug Gasket	.05
✣No. 605-210—Jam B Nut	.05

Loose

INVERTED GAS MANTLES

SHAPLEIGH'S

***X-RAY**

Made of the Best Grade Diamond Weave, Silk Fiber Material; Gives a Soft, Brilliant White Light; Fits All Standard Sizes Inverted Gas Lamps; Three Prong Magnesia Top Ring to Fasten to Mantle Holders.

Per Hundred

No. 8—Weight per Dozen, ⅓ lb..... $24.00

Twelfth Dozen in a Carton; Fifty in a Box

NOKIK

This Mantle is of Single Weave, Finished in an Oil Coating; Unexcelled for Durability; Fits All Standard Sizes Inverted Gas Lights; Will Burn Brightly on Low or High Pressure Artificial or Natural Gas.

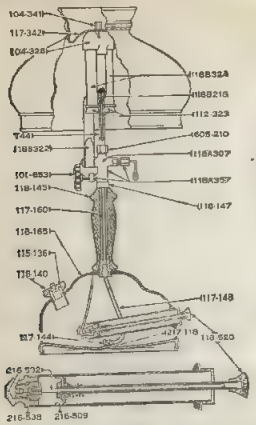
Per Hundred

No. NOKIK—Weight per Dozen, ⅓ lb.. $30 00

Twelfth Dozen in a Carton; Fifty in a Box

Items Marked ✣ Can Only be Furnished by Shipping Direct From Factory, Wichita, Kansas

INSTANT-LITE LAMP REPAIR PARTS



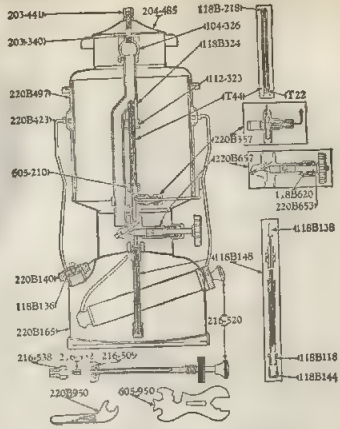
FOR MODELS Nos. 117A, 118A AND 119A

No.		Each
**101-522	—Pump	$1.00
101-653	—Valve Stem Complete	.40
104-326	—Mixing Chamber	.65
104-341	—Shade Holder Screw	.10
104-605	—Gas Tip Cleaning Needle	.10
112-323	—Burner Cap and Screens	.20
*115-136	—Filler Plug Gasket	.05
†.**115-138	—Filler Plug Core and Gasket	.40
†.**117-132	—Filler Plug Air Stem	.25
†117-144	—Tip Protector and Screen	20
†.**117-145	—Lamp Handle	50
†.**117-147	—Handle Lock Nut	.25
117-148	—Fuel Wire Complete (Fuel Tip Marked "P")	.75
†117-160	—Fuel Tube	.80
**117-164	—Filler Plug Complete	.80
†.**117-165	—Fount Complete	7 20
117-342	—Shade Holder	.40
*118-140	—Filler Plug Complete	.65
†.*118-145	—Lamp Handle	.50
†.*118-147	—Handle Lock Nut	.25
†.*118-165	—Fount Complete	10.00
†118B218	—Gas Tip (Marked "V")	.10
†118A307	—Gas Tip Cleaner and Fuel Valve Body	.80
†118B322	—Air Intake Tube	.50
118B324	—Burner Tube	20
†118A357	—Gas Tip Cleaner and Fuel Valve Complete Assembled	1.60
118A399	—Burner, Generator, Gas Tip Cleaner, and Valve Complete Assembled	4 00
†.*118-520	—Pump Plunger Complete (Less Air Stem)	80
216-509	—Pump Leather	.05
*216-532	—Air Stem	.20
†.*216-538	—Check Valve	.20
†217-118	—Fuel Tip (Marked "P")	.10
†605-210	—Jamb Nut	.05
†605-950	—Wrench	.20

Loose

*For Lamp Model Nos. 118A, 119A.
**For Lamp Model No 117A.

INSTANT-LITE LANTERN REPAIR PARTS



FOR MODEL Nos. 220B AND 228B

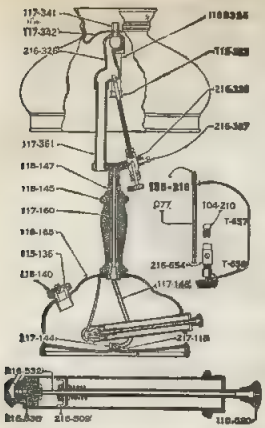
Nos.		Each
104-326	—Mixing Chamber	$0.65
112-323	—Burner Cap and Screens	20
†118B118	—Fuel Tip (Marked "AB")	.10
†118B136	—Filler Plug Gasket	.05
†118B138	—Fuel Tip Cleaning Needle	.20
†118B144	—Fuel Tip Protector and Screen	.20
†118B148	—Fuel and Air Wire Complete (Fuel Tip Marked "AB")	1 00
†118B218	—Gas Tip (Marked "V")	.10
118B324	—Burner Tube	20
†118B620	—Valve Stem Packing	.05
203-340	—Ventilator Rod	.10
203-441	—Ventilator Ball Nut	10
*204-485	—Ventilator (Porcelain—5¼ inch Base)	2.00
216-509	—Pump Leather	.10
†216-520	—Pump Plunger Complete (Less Air Stem)	80
216-532	—Air Stem	.20
†216-538	—Check Valve	.20
†220B140	—Filler Plug Complete	65
†220B165	—Fount Complete	7.60
†220B357	—Gas Tip Cleaner Complete Assembled	1.00
†.*220B423	—Bail	.20
†220B497	—Frame	1 00
†220B653	—Valve Stem Complete	.80
†220B657	Fuel Valve Complete	2.00
†220B950	—Wrench	.20
**227-480	—Ventilator (Porcelain—8¼ inch Base)	2 60
†.**228B423	—Bail	.20
†605-210	—Jamb Nut	.05
†605-950	—Wrench	.20

Loose

*For Lantern Model No. 220B.
**For Lantern Model No. 228B.

Items Marked † Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory; Wichita, Kans.

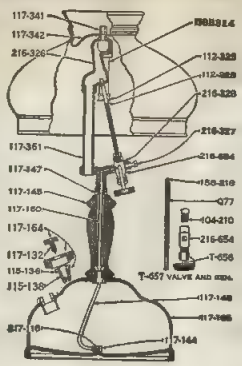
INSTANT-LITE LAMP REPAIR PARTS



FOR MODELS Nos. 118 and 119

Nos.	Each
T656—Valve Stem Complete (118-653)	$0 60
T657—Valve and Generator Complete (118-657)	1 40
104-469—Hanger	15
104-905—Gas Tip Cleaning Needle	10
112-323—Burner Cap and Screens	20
112-325—Burner Cap Screen	05
115-136—Filler Plug Gasket	.05
✣*117-144—Tip Protector and Screen	.20
117-148—Fuel Wire Complete (Fuel Tip Marked "P")	.75
✣117-160—Fuel Tube	.80
✣117-341—Shade Holder Screw	.10
117-342—Shade Holder	.40
✣117-361—Air Intake and Bracket	1 20
118-160—Filler Plug Complete	.65
✣118-145—Lamp Handle	.50
✣118-147—Handle Lock Nut	.25
✣118-165—Fount Complete	10.00
118B324—Burner Tube	20
118A390—Roto-Type Burner, Generator and Valve Complete	4 60
✣118-520—Pump Plunger Complete (Less Air Stem)	.80
✣155-218—Gas Tip (Marked "J")	.10
204-139—Filler Plug Disc, Gasket and Screw	.20
216-328—Mixing Chamber	1.20
✣216-327—Valve Set Screw	.05
✣216-328—Valve Bracket Wedge	.05
216-509—Pump Leather	.05
216-532—Air Stem	.20
✣216-538—Check Valve	.20
216-654—Valve Body	.50
✣217-118—Fuel Tip (Marked "P")	10
✣*217-144—Tip Protector and Screen	.15
✣605-950—Wrench	.20

Loose



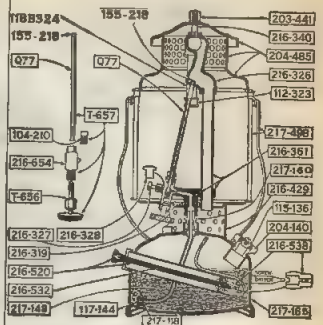
FOR MODEL No. 117

Nos.	Each
T656—Valve Stem Complete (118-653)	$0 60
T657—Valve and Generator Complete (118-657)	1.40
101-523—Pump	1.00
104-469—Hanger	.15
104-905—Gas Tip Cleaning Needle	.10
112-323—Burner Cap and Screens	.20
112-325—Burner Cap Screen	.05
115-136—Filler Plug Gasket	.05
✣115-138—Filler Plug Core and Gasket	.40
✣117-132—Filler Plug Air Stem	.25
✣*117-144—Tip Protector and Screen	.20
✣117-145—Lamp Handle	.50
✣117-147—Handle Lock Nut	.25
117-148—Fuel Wire Complete (Fuel Tip Marked "P")	.75
✣117-160—Fuel Tube	.80
117-164—Filler Plug Complete	.80
✣117-165—Fount Complete	7.20
✣117-341—Shade Holder Screw	.10
117-342—Shade Holder	.40
✣117-361—Air Intake and Bracket	1.20
118B324—Burner Tube	.20
118A399—Roto-Type Burner, Generator and Valve Complete	4.60
✣155-218—Gas Tip (Marked "J")	.10
216-328—Mixing Chamber	1.20
✣216-327—Valve Set Screw	.05
✣216-328—Valve Bracket Wedge	.05
216-509—Pump Leather	.05
216-654—Valve Body	.50
✣217-118—Fuel Tip (Marked "P")	.10
✣*217-144—Tip Protector and Screen	.15
✣605-950—Wrench	.20

Loose

Tip Protector and Screen

INSTANT-LITE LANTERN REPAIR PARTS



FOR MODELS Nos. 220 and 228

Nos.	Each
T656—Valve Stem Complete (118-653)	$0.60
T657—Valve and Generator Complete (118-657)	1.40
104-905—Gas Tip Cleaning Needle	.10
112-323—Burner Cap and Screens	.20
112-325—Burner Cap Screen	.05
115-136—Filler Plug Gasket	.05
✣*117-144—Tip Protector and Screen	.20
118B324—Burner Tube	.20
✣155-218—Gas Tip (Marked "J")	.10
203-441—Ventilator Ball Nut	.10
204-139—Filler Plug Disc, Gasket and Screw	20
204-140—Filler Plug Complete	65
**204-485—Ventilator (Porcelain—5¼-inch Base) (For No. 220)	2.00
✣216-319—Base Lock Nut	.05
216-328—Mixing Chamber	1.20
✣216-327—Valve Set Screw	.05
✣216-328—Valve Bracket Wedge	.05
✣216-340—Ventilator Rod	.10
216-361—Air Intake and Bracket	1.20
✣216-429—Globe Base Rest	.25
216-509—Pump Leather	.05
✣216-520—Pump Plunger Complete (Less Air Stem)	.80
216-532—Air Stem	.20
✣216-538—Check Valve	.20
216-654—Valve Body	.50
✣217-118—Fuel Tip (Marked "P")	.10
✣*217-144—Tip Protector and Screen	.15
✣217-165—Fount Complete	7.60
✣**217-486—Frame and Bail (For No. 220)	1.20
✣220-399—Burner, Generator and Valve Complete Assembled	4.60
✣**227-480—Ventilator (Porcelain, 8¾-inch Base) (For No. 228)	2 60
✣**228-486—Frame and Bail (For No. 228)	1.20
✣605-950—Wrench	.20

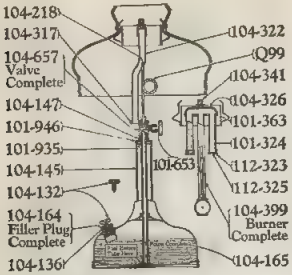
**For Use on Model Indicated.

Loose

*Note—Tip Protector and Screen Nos. 217-144 and 117-144 are Both Used on Instant-Lite Lamps and Lanterns, but are Not Interchangeable. So Before Ordering, Check the Tip Protector and Screen on Your Instant-Lite Lamp or Lantern with the Illustrations Shown. Then Order by Correct Number the one that Corresponds to Tip Protector and Screen You are Now Using.

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, Wichita, Kans.

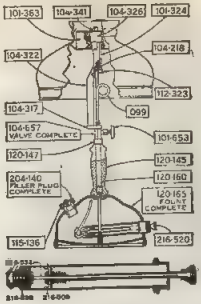
QUICK-LITE LAMP REPAIR PARTS



FOR MODEL "C" QUICK-LITE LAMPS

(With Separate Pump)

Nos.	Each
101-324—Burner Tube	$0.20
101-363—Shade Holder	.40
101-522—Pump	1.00
101-653—Valve Stem Complete	.40
101-935—Handle Metal Washer	.05
101-946 Handle Fiber Washer	.10
✝104-105—Finishing Shell	.50
104-132—Filler Plug Air Stem	.25
104-136—Filler Plug Gasket	.05
104-145—Fiber Lamp Handle	.40
104-147 Lock Nut	.10
104-164—Filler Plug Complete	.80
✝104-165 Fount Complete	7.20
104-218—Gas Tip (Marked "Q")	.10
104-317—Burner Support Coupling	.25
104-322—Air Intake Tube	.50
104-326—Mixing Chamber	.65
104-341—Shade Holder Screw	.10
104-399—Burner, Generator and Valve Complete Assembled	4.00
104-469—Hanger	.15
104-657—Fuel Valve Complete	1.00
104-905—Gas Tip Cleaning Needle	.10
✝104-949—Tip Wrench	.10
✝104-950—Wrench	.20
112-323—Burner Cap and Screens	.20
112-325—Burner Cap Screen	.05
216-509—Pump Leather	.05
627-590—Suction Pump Complete	1.80



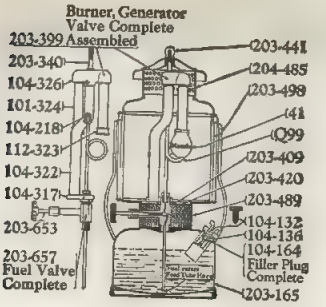
FOR MODEL No. C331 QUICK-LITE LAMPS

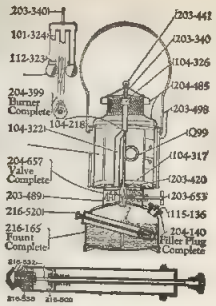
(With Built-in-Pump)

Nos.	Each
101-324—Burner Tube	$0.20
101-363—Shade Holder	.40
101-653—Valve Stem Complete	.40
104-218—Gas Tip (Marked "Q")	.10
104-317—Burner Support Coupling	.25
104-322—Air Intake Tube	.50
104-326—Mixing Chamber	.65
104-341—Shade Holder Screw	.10
104-399—Burner, Generator and Valve Complete Assembled	4.00
104-469—Hanger	.15
104-657—Fuel Valve Complete	1.00
104-905—Gas Tip Cleaning Needle	.10
104-949—Tip Wrench	.10
112-323—Burner Cap and Screens	.20
112-325—Burner Cap Screen	.05
115-136—Filler Plug Gasket	.05
✝120-145—Lamp Handle	.50
✝120-147—Handle Lock Nut	.20
✝120-160—Fuel Wire with Fuel Tube	.60
✝120-165—Fount Complete	10.00
204-139—Filler Plug Disc, Gasket and Screw	.20
204-140—Filler Plug Complete	.65
216-509—Pump Leather	.05
✝216-520—Pump Plunger Complete (Less Air Stem)	.80
216-532—Air Stem	.20
✝216-538—Check Valve	.20
✝605-913—Alcohol Torch Only	.20
✝605-920—Alcohol Torch and Bottle Complete	.32
✝605-950—Wrench	.20
627-590—Suction Pump Complete	1.80

Items Marked ✝ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, Wichita, Kan.

QUICK-LITE LANTERN REPAIR PARTS





FOR MODEL No. L327 QUICK-LITE LANTERNS

(With Separate Pump)

Nos.	Each
101-324—Burner Tube	$0.20
101-522—Pump	1.00
104-132—Filler Plug Air Stem	.25
104-136—Filler Plug Gasket	.05
104-164—Filler Plug Complete	.80
104-218—Gas Tip (Marked "Q")	.10
104-317—Burner Support Coupling	.24
104-322—Air Intake Tube	.50
104-326—Mixing Chamber	.65
104-905—Gas Tip Cleaning Needle	.10
†104-949—Tip Wrench	.10
†104-950—Wrench	.20
112-323—Burner Cap and Screens	.20
112-325—Burner Cap Screen	.05
†203-165—Fount Complete	6.00
203-340—Ventilator Rod	.10
203-399—Burner, Generator and Valve Complete Assembled	3.60
†203-409—Burner Frame Washer	.05
†203-420—Baffle Plate	.20
203-441—Ventilator Ball Nut	.10
†203-489—Globe Base Rest	.20
†203-498—Frame and Bail	1.20
203-653—Valve Stem Complete	.40
203-657—Fuel Valve Complete	1.00
204-485—Ventilator (Porcelain—5¼-inch Base)	2 00
216-509—Pump Leather	.05
627-590—Suction Pump Complete	1.80

FOR MODELS No. L427 (1927) AND L327 LANTERNS

(With Fully Concealed Built-in Pump)

Nos.	Each
101-324—Burner Tube	$0 20
104-218—Gas Tip (Marked "Q")	.10
104-317—Burner Support Coupling	.25
104-322—Air Intake Tube	.50
104-326—Mixing Chamber	.65
104-905—Gas Tip Cleaning Needle	.10
104-949—Tip Wrench	.10
112-323—Burner Cap and Screens	.20
112-325—Burner Cap Screen	.05
115-136—Filler Plug Gasket	.05
203-340—Ventilator Rod	.10
†203-409—Burner Frame Washer	.05
†203-420—Baffle Plate	.20
203-441 Ventilator Ball Nut	.10
†203-489 Globe Base Rest	.20
†*203-498—Frame and Bail (For No L427) (1927)	1.20
203-653—Valve Stem Complete	.40
204-139—Filler Plug Disc, Gasket and Screw	.20
204-140—Filler Plug Complete	.65
204-399—Burner, Generator and Valve Complete Assembled	3.60
*204-485—Ventilator (Porcelain —5¼-inch Base) (For No. L427) (1927)	2 00
204-657 —Fuel Valve Complete	1 00
†216-165—Fount Complete	7 60
216-509—Pump Leather	05
†216-520—Pump Plunger Complete (Less Air Stem)	80
216-532 Air Stem	20
†216-538—Check Valve	.20
†*227-480—Ventilator (Porcelain -8½-inch Base) (For No. L227)	2 60
†*227-498—Frame and Bail (For No. L227)	1 20
605-950—Wrench	.20
627-590—Suction Pump Complete	1.80

*For Use on Model Indicated.

Items Marked † Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, Wichita, Kans.

HAY CARRIERS

Materials Required and Directions for Putting up Carriers

MYERS

Directions for Erecting Myers Patent Steel Track

Scaffold by placing rope from rafter to rafter, say 6 feet from ridge pole or peak and about 10 feet apart. Then place extension ladder across the ropes with board to stand on. Now nail one rafter bracket at each end of barn and draw a line from one end to the other and stretch tight. Then nail all rafter brackets even with this line. You are now ready to put up the track, which can be done in sections. Hoist near to rafter brackets by ropes. Then place hanging hook over rafter bracket and finish by putting in bolt.

Material Required for a Steel Track Outfit for Different Length Barns

For a 40 foot Barn—One Hay Unloader. 36 feet Steel Track. 19 Hanging Hooks. 19 Rafter Brackets. 5 Knot passing Pulleys. 1 Fork or 3 Slings. 6 Floor Hooks. 110 feet ¾ inch Manila Rope. 50 feet ⅝ inch Check Rope. 40 feet ⅜ inch Reverse Rope.

For a 50 foot Barn—One Hay Unloader. 48 feet Steel Track. 25 Hanging Hooks. 25 Rafter Brackets. 5 Knot passing Pulleys. 1 Fork or 3 Slings. 6 Floor Hooks. 130 feet ¾ inch Manila Rope. 55 feet ⅝ inch Check Rope. 50 feet ⅜ inch Reverse Rope.

For a 60 Foot Barn—One Hay Unloader. 54 feet Steel Track; 28 Hanging Hooks. 28 Rafter Brackets. 5 Knot passing Pulleys. 1 Fork or 3 Slings. 6 Floor Hooks. 160 Feet ¾ inch Manila Rope. 60 feet ⅝ inch Check Rope. 60 feet ⅜ inch Reverse Rope.

For a 70 foot Barn—Hay Unloader. 66 feet of Track. 34 Hanging Hooks. 3½ lbs. Bracket Nails. 5 Fig. 1120 Pulleys. 1 Fork or 3 Slings. 6 Floor Hooks. 190 feet ¾ inch Draft Rope. 70 feet ⅝ inch Check Rope. 70 feet ⅜ inch Reverse Rope.

For an 80 foot Barn—Hay Unloader. 78 feet of Steel Track. 40 Hanging Hooks. 40 Rafter Brackets. 4 lbs. Bracket Nails. 5 Fig. 1120 Pulleys. 1 Fork or 3 Slings. 6 Floor Hooks. 210 feet ¾ inch Draft Rope. 80 feet ⅝ inch Check Rope. 80 feet ⅜ inch Reverse Rope.

Different Lengths of Barns will use track, hanging hooks and rope in same ratio as above.

If required to take hay in at end of Barn and have rope pass down at far end to horse, same amount of draft rope. If draft rope be returned to same end of barn and then down, this requires about one-fourth more draft rope.

Place pulley to draw the carrier back into the mow directly under and in line with track, and not as illustrated. Do not allow steel track hanging hooks to project below casting under track through which they are screwed, as they will interfere with carrier.

This cut, Fig. 430, shows how steel track should be put up and how rope is tied from one rafter to the other close under the track to make stop for carrier at end of barn. Also shows how Rafter Brackets are placed.

How to Reverse Carrier—Set Fork in hay. Tie ends of rope together, to which horse and weight are attached. Pull on small rope until knot comes to the floor, then untie ropes. Fasten weight G on small rope, change Pulley A to floor hook H. This reverses carrier for opposite direction without leaving the floor or climbing up. Use all knot passing pulleys. For taking in hay at end of barn use V shaped brace for track support, as shown in cut.

Illustrating how Track should be placed in Barn; also how Rope and Pulley should be placed.

NEY MFG. CO.

MATERIAL FOR STEEL TRACK

For Carriers

When Taking in Hay at End of Barn

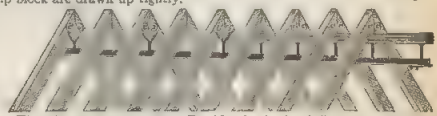
1 Fork Carrier.
Track the Required length for Barn
1 Track Eye or 1 Hanger Hook and 1 Rafter Bracket for each Rafter.
3 Knot Passing Pulleys.
3 Floor Hooks.
1 Swivel Rope Hitch.
1 Harpoon or Grapple Fork.
Draft Rope ¾, ⅞ or ⅝ inch: when team is at same end of barn as hay is taken in—length equal to twice the length of track, plus three times the distance from floor to track.
When team is at opposite end of barn to where hay is taken in—length equal to once the length of track, plus three times the distance from floor to track.
When team is at center (side) of barn—length equal to 1½ times the length of track plus three times the distance from floor to track, plus half the width of barn
Trip Rope ⅝ inch—length equal to distance from point of elevation to opposite end of track.
For barn having center (side) drive same as above, except 5 pulleys and floor hooks.

SLING CARRIERS

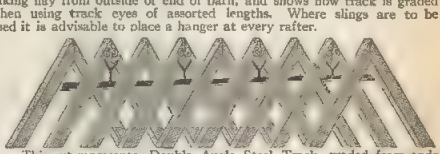
Substitute Sling Pulley for Fork Pulley in carrier and three slings and add 15 feet to length of Draft Rope.

Directions for Putting up Double Angle Steel Track

Put up the track in sections or by clamping the entire length together. The track may be graded by the use of assorted track eyes or put up with all one size as desired See that the rafter brackets are properly nailed and that the track eyes are as near the center between rivets in the track as possible; this increases the strength of the track. Bolt trip block on track over point at which you wish to elevate. See that the bolts on trip block are drawn up tightly.



The above cut represents Double Angle Steel Track arranged for taking hay from outside or end of barn, and shows how track is graded when using track eyes of assorted lengths. Where slings are to be used it is advisable to place a hanger at every rafter.



This cut represents Double Angle Steel Track graded from ends to center of barn when track eyes of assorted lengths are used. It greatly assists the return of carrier after discharging its load. Also checks speed of carrier after leaving bumper or trip block.

MATERIAL FOR WOOD TRACK CARRIERS

Same as for Steel Track Carriers, except that a wood track carrier, wood track and wood track hanger eyes are used.

Directions for Making Wood Tracks

Use 4x4 hardwood or pine scantlings dressed down to 3¾ inches; or use two 2x4 pieces and spike them together, breaking joints.

4x3 inch can be used by blocking down the stop to fit the carrier and to engage the lock.

Directions for Putting Up Wood Track.

Use a track hook to every rafter over the point of elevation and preferably throughout the entire length of track, but a hook at every second rafter will answer except at point of elevation. Let all nuts into the track so they will not interfere with the carrier. Make sure the track is at the proper depth where the trip block or bumper is placed. It may be necessary to block it down or set it into the wood.

Directions for Reversing Carriers

Pull carrier to stop block, let the pulley drop out of carrier. Take rope out of pulley at end of barn and while standing beneath the carrier give the rope a little slack and give it a throw to obtain a half turn in the swivel. Re-thread the pulleys in the end of the barn you wish to operate in, then the carrier is ready for operation

Before pulling large rope out of pulleys tie a small rope to end of it so that the small rope will be through pulleys for pulling up the large rope the next reverse.

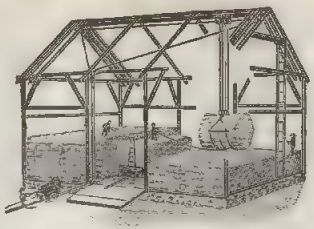
HAY CARRIERS

Directions for Putting Up Wire Cable and Derricks for Stacking

Take Four Poles or 4x4 Scantling About 30 Feet Long; Cut a Slot in the Top of Each About ¾ inch Wide and 4 Inches Deep for Cable. Bore a Hole for a ½ inch Bolt About 1 inch Above the Bottom of the Slot, to Prevent Cable from Coming Out While Raising. Place Carrier Bumper Complete on Cable About at Center. Place Cable in Slots, Under Bolts, Then Secure a Single Clamp About 40 feet from Each End of Cable to Prevent the Poles from Sliding in. Bolt Cross Pieces Together with ⅞x10 inch Bolts Place Carrier on Cable Between Cable Clamps. Make Loops at Each End of Cable, Using Double Clamps for the Purpose. Thread Carrier and Pulley with Rope and Fasten Pulley Near One of the Single Clamps. Fasten Loops on Ends of Cable to Strong Stakes for Guys and Erect Derrick by Raising One Set of Poles Just High Enough So They Will Stand Without Slipping at Bottom; Then Raise the Other Set About the Same, Continuing Alternately with Each Set Until Cable is Stretched Tightly. Now Fasten Bumper to Cable at Opposite End From Pulley Over Point at Which You Wish to Elevate. Place Second Pulley to Stake in Ground Nearly Under First Pulley Placed and it is Ready for Operating.

Material for Wire Cable Carrier and Derrick for Stacking

1 Cable Carrier.
1 Harpoon or Grapple Fork.
2 Single Cable Clamps.
2 Double Cable Clamps.
2 ¾x10 inch Carriage Bolts.
130 feet ¾, ⅞ or ⅞ inch Rope.
2 Pulleys.
4 Poles 4x4 inch, 30 feet Long.



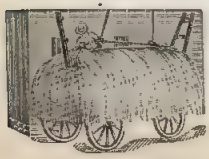
This Cut Shows Carrier in Use Unloading Wheat or Corn Fodder in Barn with Sling Carriers. Fork Carriers Cannot be Used for This Purpose.

Lumber Required to Build a Hay Rack

Have All 2 inch Stuff Dressed on Both Sides, and inch Stuff on One Side. Two Pieces 2x8, 16 feet for Bed Sills. Have Bed Sills 6 inches Narrower in Front than in Rear. Two Pieces, 2x4, 14 feet, Cut in Two for Top Cross Pieces. Six Pieces, 2x4, 16 feet, One for Front Ladder, One for the Four Bottom Cross Sticks Under the Bed Sills, and Four for the Top Longitudinal Pieces. Two Pieces, 2x6, 12 feet, to Cut into 6 feet Lengths for Sides of Wheel Boxes. Spike from Underneath the 2x4 Longitudinal Pieces. Two Pieces, 1x6, 16 feet (Fencing) to Cup Up to Cover Wheel Boxes. Two Pieces, 1x12, 10 feet to go in Front of Heel Boxes to Front End. The Above Are for 14 inch Clamps; 16 inch Take Larger Cross Pieces or Bed Sills.

Illustrations Showing Method of Using and Operation of Sling Carriers.

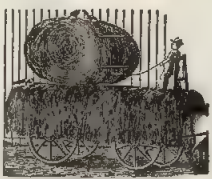
PLACING THE SWINGS



ATTACHING DRAFT ROPE

SLING CARRYING LOAD

Will Positively Hold Any Weight Load Without Chafing Rope; Automatic, Permits Load to be Carried to Mow at Any Elevation From the Floor.



LIFTING LOAD

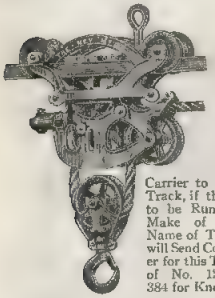
SLING DISCHARGING LOAD

HAY CARRIERS

NEY CLIMAX ADJUSTABLE

Open Throat, Reversible
Adjustable To Fit Any Make of Track

Carrier Contains No Springs; Large Open Throat; Travelers and Sheaves Revolve on Bushings, Reducing Wear; Locking Mechanism is So Arranged the Lifting Pulley Cannot Fail to Enter and Lock Securely; the Locks Operate Without Springs and Engage Projections on Lifting Head in a Line with the Axis of the Pulley and Close to the Track, Enabling Carrier to Fill Mow Close to Roof.



No. 12 Knocker Furnished Regularly with this Carrier to Run on Ney Track, if this Carrier is to be Run on Another Make of Track Give Name of Track and we will Send Correct Knocker for this Track in Place of No. 12—See Page 384 for Knockers.

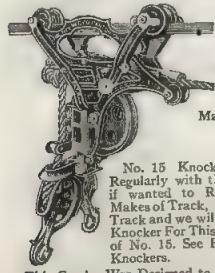
Malleable Iron Frame; Aluminum Finish; 3¼-inch Track Wheels; ½-inch Tread; 13¾ inches Long, 7½ inches Wide, 10½ inches High.

Each

No. 86—Weight Each, 25 lbs. **$14 35**

Loose

ONE-WAY SLING OR FORK CARRIER



With Right Angle Lift Adjustable to Fit Any Make of Track.

No. 15 Knocker Furnished Regularly with this Carrier, if wanted to Run on Other Makes of Track, Give Name of Track and we will Send Correct Knocker For This Track in Place of No. 15. See Page 384 For Knockers.

This Carrier Was Designed to Fulfill the Requirements of the Farm Where the Hay and Grain are Elevated in the Mow From Either Side of the Barn. **It is the Only Carrier Having Right Angle Lift That is Free of Springs;** Also Allows a Direct Draft of the Lifting Pulleys.

The Draft Rope Passes Over But One Sheave, Nine inches in Diameter, and Revolves on Roller Bearings.

This Carrier Can be Used with One or Two Forks as Well as with Hay Slings.

Malleable Iron Frame; Aluminum Finish; Gold Stripe; Diameter of Track Wheels, 3 inches; ⅝-inch Tread; Extreme Height, 28 inches.

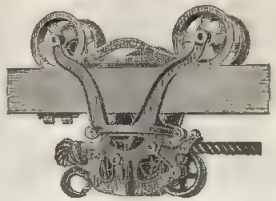
Each

No. 151—Weight Each, 54 lbs. **$39.40**

Loose

HAY CARRIERS

NEY WOOD TRACK



For 4x4 Wood Track

The Travelers and Sheaves Revolve on Turned Bushings, Which Makes the Draft Very Light.

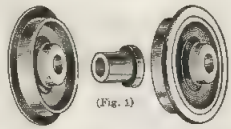
The Locking Features of This Carrier Are the Same as No. 86 and are Exclusively "NEY," Having More Points of Merit Than Any Other Make; The Fork Hook is Permitted to Swing Upward Very Near to the Track, Enabling the Carrier to Fill the Mow Close Up to the Comb of the Roof.

Malleable Iron Frame; Aluminum Finish; 19 inches Long; 8 inches Wide; 16 inches High.

Each

No. 90—Weight Each, 29 lbs. **$14 35**

Loose



(Fig. 3) (Fig. 1) (Fig. 2)

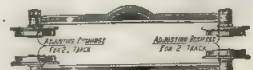
Figures 1, 2, 3 Illustrate the Simple Adjusting Features of Ney Carriers.

Figure 1 is the Turned Shoulder Bushing.

Figure 2 Track Wheel or Traveler with the Shoulder Bushing in Position, for Adjusting the Carrier to Run on a Track 2 inches wide, a Bolt Passes through the Bushing and Bolts Track Wheel Firmly to the Frame of Carrier.

Figure 3 Shows Shoulder Bushing in Position for Adjusting Carrier to Run on a Track 2½ inches Wide.

By Simply Reversing the Shoulder Bushings in the Track Wheels the Carrier is Widened or Narrowed as Desired, Replace the Bolts and the Change is Completed.



Above Illustrates a Top View of a Myers Clover Leaf Adjustable Carrier as Adapted for Use on any Make of Track which may already be Installed in the Barn. The Only Adjustment Necessary is to Change the Metal Washer or Bushing as Marked on Illustration. For 2½-inch Track the Bushing or Washer is on the Outside Under the Bolt Head; for 2 inch Track Bushing or Washer is put on the Inside of Frame between Frame and Track Wheel.

HAY CARRIERS

MYERS CLOVER LEAF ADJUSTABLE

Track Wheels Will Fit Any Make of Track
Open Throat Swivel, Reversible
With 4-inch Rope Sheaves

Wide Mouth Receives Pulley from Either Direction; Carrier Can be Reversed by Drawing Rope Through from End to End or by Turning the Swivel. The Patent Double Lock Engages the Lifting Pulley on Both Sides, Preventing the Load from Being Accidentally Dropped; is Composed of Three Parts and Has no Springs; the Swinging Lift Pulley Relieves Carrier Frame From All Strain When Drawing Hay Over a High Beam or into a Well Filled Mow.

No. H531 Knocker Furnished Regularly with this Carrier for Myers Track, if Wanted to Run on another Make of Track, Give Name of Track and we will Send Correct Knocker for this Track in Place of No. H531.

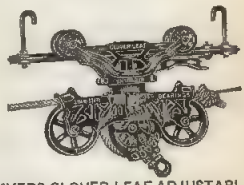
See Page 384 For Knockers.

Aluminum Finish; Red Striped Malleable Iron; Beaded Frame, 4-inch Rope Sheaves; 3¼-inch Flanged Track Wheels, with ½-inch Tread and ⅝-inch Turned Steel Axle; 16 inches Long; Height, 18 inches; with Trip and Two End Stops.

Each

No. 118—Weight Each, 31 lbs. **$14.35**

Loose



MYERS CLOVER LEAF ADJUSTABLE

Track Wheels Will Fit Any Make of Track
Open Throat Swivel, Reversible
With 7-inch Rope Sheaves

Wide Mouth Receives Pulley from Either Direction; Carrier Can be Reversed by Drawing Rope Through from End to End or by Turning the Swivel; The Patent Double Lock Engages the Lifting Pulley on Both Sides, Preventing the Load from Being Accidentally Dropped; is Composed of Three Parts and Has no Springs; the Swinging Lift Pulley Relieves Carrier Frame From All Strain When Drawing Hay Over a High Beam or Into a Well Filled Mow.

No. H531 Knocker Furnished Regularly with this Carrier for Myers Track, if Wanted to Run on Another Make of Track, Give Name of Track and we will Send Correct Knocker for this Track in Place of No. H531.

See Page 384 for Knockers.

Aluminum Finish; Red Striped Malleable Iron; Beaded Frame; 7-inch Rope Sheaves, with 1⅛-inch Steel Bearings; 3¼-inch Flanged Track Wheels, with ½-inch Tread and ⅝-inch Turned Steel Axle; 16 inches Long; Height, 21 inches; with Trip and Two End Stops.

Each

No. 126—Weight Each, 43 lbs. **$17.50**

Loose

HAY CARRIER TRACKS

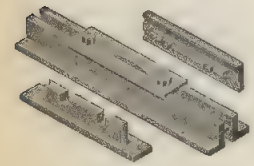
MYERS

For Myers Hay Carriers—2½ inches Wide

Made of Two T Steel Rails Held Together by Bolted Clamps as Well as by Clamps on the Hanging Hooks; Joints are Secured with Three-bolt Clamp, which Makes this Part as Stiff and Strong as Elsewhere; Requires Only a Wrench to Put Up; Complete with Clamps.

Nos.	Length, feet	Weight per Foot, lbs.	Per Foot
824/6	6	2	$0.30
824/12	12	2	.30

Loose



NEY

For New Climax Hay Carriers
Double Angle—2 inches Wide

Made of Two Pieces Angle Steel; with Extra Strong Splice Joint; The Splice is Held by Heavy Bolts and it Renders the Track as Strong and Rigid at the Joint as Elsewhere; Complete with Couplings.

Nos.	Length, feet	Weight per Foot, lbs.	Per Foot
T6	6	2	$0 30
T8	8	2	.30
T12	12	2	.30

Loose

KNOCKERS OR TRIP BLOCKS

For Adjustable Hay Carriers

To Use with Myers Hay Carriers, when Wanted to Use with Other Make of Track.

For Myers Track

One of These Wired to Each No. 118 and 126 Carrier.

Each
No. H531—Weight Each, 2½ lbs.....$1.00
Loose

KNOCKERS OR TRIP BLOCKS

For Adjustable Hay Carriers

To Use with Myers Hay Carriers when Wanted to Use with Other Make of Track.

When you Want to Run a Myers No. 118 or No. 126 Carrier on Ney, Olson, Law, Goshen, Rochester, Ricker, and Peerless Track, Order this Knocker.

Each
No. H532—Weight Each, 2½ lbs.....$1.00
Loose

When you Want to Run a Myers No. 118 or 126 Carrier on Louden or Porter Track, Order this Knocker.

Each
No. H533—Weight Each, 2 lbs.....$1.00
Loose

To Use with Ney Hay Carrier No. 86, when Wanted to Use with Other Make of Track.

One No. 12 Ney Knocker Wired to Each No. 86 Carrier.

Also For Use with Olson, Law, Goshen, Rochester, or Ricker Track and No. 86 Carrier.

Each
No. 12—Weight Each, 1½ lbs.....$0.90
Loose

When you want to Run a No. 86 Ney Carrier on Myers, Janesville, Hudson, or Strickler Track Order this Knocker; When Used on Hudson, Janesville or Strickler Track, Remove Space Blocks.

Each
No. 13—Weight Each, 1½ lbs.....$0.90
Loose

When you want to Run a No. 86 Ney Carrier on Louden or Porter Track Order this Knocker.

Each
No. 14—Weight Each, ½ lb.....$0.90
Loose

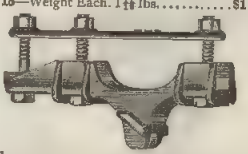
KNOCKERS OR TRIP BLOCKS

For Adjustable Hay Carriers

Trip Blocks or Knockers to Use with No. 151 Ney Sling Carrier, when on Other than Ney Make of Track.

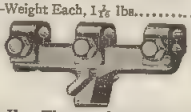
One No. 15 Trip Block or Knocker Wired to No. 151 Sling Carrier; This Trip Block is Also Used with Olson, Law, Goshen, Rochester or Ricker Track.

Each
No. 15—Weight Each, 1½ lbs.....$1 25



When you want to Run No. 151 Ney Sling Carrier on Myers, Janesville, Hudson, or Strickler Track, Order this Knocker; When Used on Hudson, Janesville or Strickler Track, Remove Space Blocks.

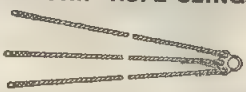
Each
No. 17—Weight Each, 1⅛ lbs.....$1 25



When You Want to Run a No. 151 Ney Sling Carrier on Louden or Porter Track, Order this Knocker.

Each
No. 16—Weight Each, 1⅛ lbs.....$1 25
All Above Loose

END TRIP ROPE SLINGS



Manila Rope; are Easily Adjusted to Any Size Rack; the Three-Rope is Best Suited for Short or Fine Hay.

Nos.	Size Rope, ins.	No. of Ropes	Weight Ea., lbs.	Each
2IR	½	2	3½	$1.70
3IR	½	3	5½	2.35

Loose

END TRIP SLING LOCKS

NEY

THREE FINGER

Two-Rope or Three-Rope May be Used; Can be Attached to Any Make of Lifting Pulley; Finished in Aluminum Paint.

Each
No. 327—Weight Each, 1⅝ lbs.....$1 60
Loose

CORN KNIVES

★SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Hand Made

High Grade Steel Blade; Oil Tempered; Dead Black Finish with Polished Cutting Edge; 17½ inches Long, 1⅝ inches Wide; 5½-inch Corrugated, Oiled Natural Wood Handle, with Tang Extending Through and Riveted at End.

Per Dozen

No. DE35—Weight per Dozen, 13 lbs .. **$7.20**
Half Dozen in a Box

★SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Highest Grade Tempered Steel, Polished and Etched Blade; 14 Gauge, 15¼ inches Long, 3 inches Wide at Point; 6½-inch Riveted Applewood Handle.

Per Dozen

No. DE50—Weight per Dozen, 14 lbs.... **$7.00**
One Dozen in a Box

★SHAPLEIGH'S Bridge TRADE MARK

REG. IN THE U. S. PAT. OFFICE

High Grade Steel, Tempered, Polished and Etched Blade; 14 Gauge, 15¼ inches Long, 3 inches Wide at Point; 8-inch Riveted Hardwood Handle.

Per Dozen

No. B35—Weight per Dozen, 13 lbs..... **$7.00**
Half Dozen in a Box

★SHAPLEIGH'S **MOUND CITY**

TRADE MARK REG. TRADE MARK U. S. PAT. OFFICE (REGISTERED)

Extra Quality Steel Tempered and Polished Straight Blade, Size, 17½x1½ inches, 14 Gauge; 5½-inch Varnished Applewood Riveted Handle.

Per Dozen

No. MC40—Weight per Dozen, 9 lbs..... **$7.50**
One Dozen in a Box

★SHAPLEIGH'S **MYSTIC**

Steel, Tempered and Polished Cimeter Blade; 14 Gauge Blade, Size, 15½x3 inches; 6¼-inch Riveted Varnished Beech Handle.

Per Dozen

No. M80—Weight per Dozen, 15 lbs..... **$7.70**
One Dozen in a Box

CORN KNIVES

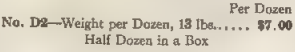
DISSTON

Tempered, Ground and Polished; 13 Gauge Steel Blade; Blade 15 inches Long, 3 inches Wide at Point; 6¾-inch Riveted Varnished Beechwood Handle.

Per Dozen

No. D2—Weight per Dozen, 13 lbs..... **$7.00**
Half Dozen in a Box

HEDGE KNIVES



★SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

High Grade Polished Steel Blade; 17 inches Long; Wide Point with Shaped Applewood Handle, 7¼ inches Long.

Per Dozen

No. DE5—Weight per Dozen, 19 lbs. ... **$12.30**
Half Dozen in a Box

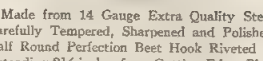
DISSTON

Polished Steel Blade; 17 inches Long; Wide Point with Shaped Applewood Handle, 7¼ inches Long.

Per Dozen

No. D1—Weight per Dozen, 17 lbs..... **$10.70**
One Dozen in a Box

BEET TOPPING KNIVES



SHAPLEIGH'S

Made from 14 Gauge Extra Quality Steel; Carefully Tempered, Sharpened and Polished, Half Round Perfection Beet Hook Riveted on Extending 2½ inches from Cutting Edge; Plain Beechwood Handle Fastened with Six Rivets; Length of Blade, 10¾ inches; Length of Handle, 5½ inches.

Per Dozen

No. S12—Weight per Dozen, 9¼ lbs.... **$13.70**
Half Dozen in a Box

EXTRA HOOKS

For Nos. S12 and H24½FF 10 and 12-inch

Drop Forged Steel; Polished, Flat Inside Edge; Oval Outside Edge.

Per Dozen

No. 1921—Weight per Dozen, 1⅛ lbs..... **$3.80**
One Dozen in a Box

Wrought Steel, Natural Finish; Length of Hook, 2½ inches, with Sharp Bend.

Per Dozen

No. 1923—Weight per Dozen, 1 lb..... **$1.70**
One Dozen in a Box

BEET TOPPING KNIVES

Half Round Hooks

For Use in Sugar Beet Fields and for Cutting Fodder.

Blade Blanked on a Special Cutlery Steel, 12 Gauge Through Tang; Edge Ground Sharp; Balance of Blade Left Natural Forged Finish; 5¼-inch Beechwood Handle, Fastened with Six Steel Pin Rivets; Hook Extends 3 inches from Blade, and is Fastened with Two Rivets.

Nos.	Length Blade, ins.	Weight per Dozen, lbs.	Per Dozen
H24½FF/10	10	7½	**$11.30**
H24½FF/12	12	12	**13.00**

Half Dozen in a Box

★SHAPLEIGH'S DIAMOND EDGE

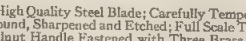
TRADE MARK REG. IN THE U. S. PAT. OFFICE

Half Round Hooks

High Grade Steel Blade; Carefully Tempered, Ground, Sharpened and Etched; Half-Round Curved Hook Extending 3 inches from Blade is Riveted with Two Rivets; Full Scale Tang; 5¼-inch Plain Beechwood Handle Fastened with Six Steel Rivets.

Nos.	Length Blade, ins.	Weight per Dozen, lbs.	Per Dozen
DE65BT10	10	7½	**$15.00**
DE65BT12	12	9½	**16.50**

Half Dozen in a Box



★SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

High Quality Steel Blade; Carefully Tempered, Ground, Sharpened and Etched; Full Scale Tang; Walnut Handle Fastened with Three Brass Saw Rivets; Length Blade, 10 inches; Length Handle, 6 inches.

Per Dozen

No. DE2024½/10—Weight per Dozen, 7 lbs..... **$13.50**
Half Dozen in a Box

CANE KNIVES

★SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

High Grade Tempered Steel Blade; Extra Polished and Etched; 19 Gauge; 11¾ inch Long; 4¾ inches Wide; with Straight Hook; 8½-inch Riveted Applewood Handle.

Per Dozen

No. DEC—Weight per Dozen, 11 lbs.... **$13.00**
Half Dozen in a Box

HAY CARRIER FORKS

GRAPPLE—Automatic

Spring Steel Tines and Frame; Malleable Iron Lever Trip Lock and Harpoon Black Japanned; Trimmed in Gold with Polished Points; Thickness, 17 inches; Length Closed, 38 inches; Width, 18½ inches; Greatest Spread, Open at Points, 56 inches

Nos.	No. Tines	Weight Each, lbs.	Each
4	4	38	$14.70
6	6	44	18.50

Shipped Knocked Down; One Wired in a Bundle

Short Head Double Harpoon

Spear Point, Steel; Malleable Iron Trip Levers; Japanned; Two Center Braces Riveted to Frame; Welded Ring; 3½-inch Harpoon Points; Width, 18 inches.

Nos.	Lgth. Tines, ins.	Lgth. Over All, ins.	Wt. Ea., lbs.	Each
10	25	35	17	$3 90
15	31	41	21	4 30

Loose

ALFALFA Double Harpoon

For Heavy Work in Alfalfa, Clover and Prairie Hay and where the Regular Forks are Not Suitable.

Double Harpoon; Spear Point Steel; Malleable Iron Trip Levers; Japanned; Two Center Braces Riveted to Frame; Welded Ring; 3½-inch Harpoon Points; Length of Tines, 35 inches; Length Over All, 50 inches; Width, 24 inches.

Each

No. 25—Weight Each, 27½ lbs..... $8.50

Loose

NELLIS Single Harpoon

Japanned Malleable Iron Head and Wrought Steel Blade; Polished Tool Steel Point and Double Barb Spring Latch, which Holds the Load Securely; when Tripped the Load is Discharged by its Own Weight; the Spring is Long and the Fork of Heavy Material; Length of Blade, 36 inches.

Each

No. 5—Weight Each, 11½ lbs.. $7.70

Loose

HAY CARRIER TRACK EYES

Closed Eyes

Malleable Iron; For Ney Double Angle Track

Inserted by Driving in from Under Side of Track, Midway Between Joints and Moved to the Desired Point; Length, 6½ inches.

Per Dozen

No. 68—Weight per Dozen, 5 lbs..... $2.50

Loose

Open Eyes

By Use of These Eyes the Track Can be Readily Taken Down; They are Inserted from Beneath the Track and Locked to the Rafter Bracket by Use of the Cotter Pin; Length, 5½ inches.

Per Dozen

No. 167—Weight per Dozen, 5 lbs.....$3.00

Loose

HAY CARRIER TRACK RAFTER BRACKETS

For Wood or Steel Track Hanging Brackets

Made of Steel and so Crimped that the Track Eye Hangs on a Round Surface, Preventing Wear; also Provided with Spur Points to be Driven into the Rafters; 6¼ inches from Point to Point.

Per Dozen

No. 65—Weight per Dozen, 2½ lbs..... $0.90

Loose

HAY CARRIER SWIVEL ROPE HITCHES

A Handy and Convenient Device for Taking Up and Letting Out Rope, Prevents Twisting of Rope; No Knots to Untie Nor Waste of Rope by Cutting; Malleable Iron; Length Over All, 8 inches.

Per Dozen

No. RH—Weight per Dozen, 19 lbs..... $6.70

Loose

HAY CARRIER CABLE CLAMPS

With Bolts

Single; with Two Bolts; Malleable Iron, Painted Black.

Per Dozen

No. SC—Weight per Dozen, 9 lbs.....$6 50

Loose

With Bolts

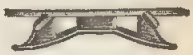
Double; with Two Bolts; Malleable Iron, Painted Black.

Per Dozen

No. DC—Weight per Dozen, 16 lbs.....$8 30

Loose

HAY CARRIER TRACK TRIP BLOCKS



For Myers Double T Steel Track

To be Placed on Under Side of Track to Release the Load Pulley from the Carrier; Malleable Iron; Aluminum Finished; Length, 8¾ inches.

Per Dozen

No. TBM—Weight per Dozen, 18 lbs...$11.70

Loose

For Double Angle Hangers

Without Top Plate; For Wood Track; Length of Bolt, 4¾ inches.

Each

No. WTB—Weight Each, ⅞ lb.....$0.75

Loose

HAY CARRIER TRACK END STOPS

For Myers Double T Steel Track

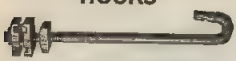
To be Placed on Top of the Track at Each End to Prevent Carrier Running Off the End; Two End Stops are Wired to Each Carrier and are Furnished with Carrier without Charge; Malleable Iron; Aluminum Finished.

Per Dozen

No. 1042—Weight per Dozen, 3¾ lbs...$2.25

Loose

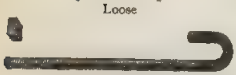
HAY CARRIER TRACK HOOKS



For Myers Double Angle Steel Track

Nos.	Length, ins.	Weight per Dozen, lbs.	Per Dozen
3026	7	7½	$3.00
30210	9	9	3.00

Loose



For Wood Track

Wrought Iron with Nut; ½-inch Diameter.

Nos.	Length, ins.	Weight per Dozen, lbs.	Per Dozen
12	12	9	$2.70
14	14	11	2.80

Loose

FLOOR

Wrought Iron, with Lag Screw End; Used for Anchoring Pulleys in Hay Carrier Outfits; Also Used in Stores and in Warehouses for Suspending Weights from Ceiling.

Nos.	Length, ins.	Diam., in.	Weight per Dozen, lbs.	Per Dozen
58	6½	⅝	9	$2.80
34	7½	¾	18	3.80

Loose

COTTON FRAME CLAMPS

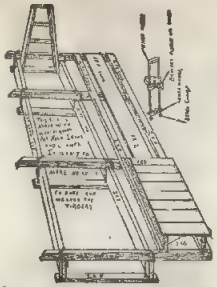
Used for Building Racks, for Hauling Sacked Grain, Baled Cotton, etc.; When Clamped On, Holds Frame Securely Together; Made of Best Grade Steel, Black Finish; Complete with Clip Tie and Nuts.

Nos.	For Sills, ins.	Lgth. Inside, ins.	Wt. per Set, lbs.	Per Set
3306	1¾x6	8½	8	$1.75
3310	1¾x8	10½	10	2.00

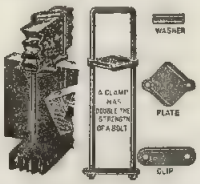
One Set of Eight in a Fiber Container

HAY RACK BRACKETS AND CLAMPS

WENZELMANN



Brackets are Made from Steel and are the Heaviest and Strongest on the Market; They do not Bend and Cannot Get Out of Shape; Steel Clamps will not Break; They are Over Size and Nuts Have a Full Size Thread, Giving a Tight, Lasting Job; Lower Clip is Made of Heavy Band Steel with Rounded Ends.



With these Brackets and Clamp Any Farmer Can Build the Strongest and Neatest Hay Rack for His Wagon Without Boring Through the Main Frame-work or Weakening the Wood; No Bolts or Nails, no Rough Pieces of Iron Plates to Chafe Between the Timbers; a Perfectly Rigid Rack, with no Possibility of Working or Twisting at the Joints; Lighter Material May be Used with These Fixtures than with Any Other. 3-inch, inside Dimension, Bracket and Clamp.

Nos.	Length Inside ins.	Weight per Set, lbs.	Per Dozen Sets
0	12	9½	$23.80
1	14	11	24.70
2	16	12	26.70
3	18	13½	28.40

Twelfth Dozen Sets in a Box

COTTON HOOKS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Polished Steel ⅜-inch Hook; Hardened Point; Oval Neck; Diamond Shaped Body; Round Tapered Point; Polished Maple Handle.

Nos.	Lgth. Under Hdl., ins.	Lgth. Hdl., ins.	Wt. per Doz., lbs.	Per Dozen
DE35	6	5	6¼	$5.40
DE50	7½	5¼	7	5.50

Half Dozen in a Box

See Also Box Hooks, Page 41

SARGENT

⅜-inch Bright Steel Hook, 6 inches Long from Under Handle; Riveted Over Washer at End; 5¼-inch Plain Hardwood Handle.

Per Dozen

No. 2—Weight per Dozen, 5¼ lbs..... $5 30

One Dozen in a Box

HAY FORK PULLEYS

Extra Heavy, ⅛-inch Cold Rolled Steel Frame, 7x8 inches; ¾-inch Wrought Steel Hook; 6¾-inch Heavy Cast Iron Sheave Adapted to Anything from ⅜-inch Wire Cable Up to 1-inch Rope; Roller Bearings; Painted.

Per Dozen

No. 131—Weight per Dozen, 96 lbs..... $21 00

Loose

MYERS

Knot Passing

Japanned Malleable Iron Frame; Swivel Eye; Large Rope Opening, 2¾-inch Diameter; 1-inch Hollow Pin Axle; 6-inch Maple Sheave.

Per Dozen

No. 122KP—Weight per Dozen, 34 lbs.. $12 60

Loose

HAY HOOKS

STANDARD

Loop Handle; Made of ½-inch Round Wrought Steel Natural Finish; Length Under Handle, 8 inches; Length of Loop, 4½ inches; Length Over All, 11 inches.

Per Dozen

No. 286—Weight per Dozen, 12¼ lbs..... $3.80

Loose

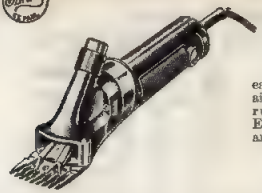
Bright Steel ⅞-inch Hook, 8½ inches Long from Under Handle; Riveted Over Washer at End; 5½-inch Black Enameled Wood Handle.

Per Dozen

No. 1—Weight per Dozen, 8¼ lbs... $5.70

Loose

ELECTRIC SHEARMASTER.

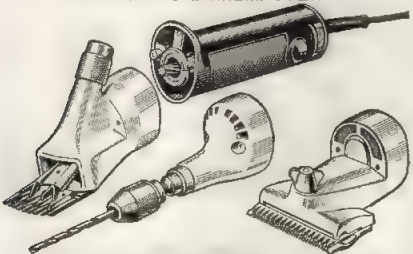


Fast, powerful, handy, easy shearing, shock-proof, air cooled. 20 feet of rubber covered cord. Equipped with No. 4HA and No. 4HB plates.

Each

No. C-31—Electric Shearing Machines; for 110 volt, A. C. or D. C. current; weight each, 7½ lbs..... $21.50

ELECTRIC DRILLMASTER.



By simply removing 2 screws, Clipmaster or Shearmaster can be changed into this fine powerful, easy to use electric drill. Takes any regulation drill up to ¼-inch.

Each

No. C-41A—Drill Heads; for attaching to No. 21 Clipmaster or No. 31 Shearmaster..... $7.25

No drills included

ATTACHMENTS.

FOR HORSE CLIPPING AND SHEEP SHEARING MACHINES.

This attachment as illustrated here consists of an eye spindle, 6½ feet of flexible shaft complete with chain and the horse clipping knife.

Instructions are furnished so that any one can remove the shearing apparatus from the machine and put the cow and horse clipping attachment in its place.

Each

C-SC1050 — Clipping Attachments; for all hand power machines only; weight, 8 lbs.....$8.25

SHEEP SHEARING.

This attachment consists of the universal jointed solid core type shaft, a No. 7 shear, two combs and four cutters.

Instructions are furnished with each attachment so that any one can remove the regular apparatus from the horse clipping machine and put the sheep shearing attachment in its place.

Each

No. C-77—Sheep Shearing Attachments; for all hand power clippers only; shipping weight, 10 lbs.....$16.00

CLIPPER PARTS.

COMBS AND CUTTERS FOR STEWART SHEARS.

Each

No. C-277—Shear Combs; (10 teeth); for use on No. 5 or No. 7 Stewart shear; packed ten combs in a box; weight 2 ozs... $0.80

Each

No. C-276—Shear Cutters; for use on Nos. 5 or 7 Stewart shear; packed twenty in a box; weight ¼ ozs. $0.30

Made of special steel, tempered to an edge holding degree.

Each

No. C-G287—Shear Combs; 13 teeth; net wgt. 2½ ounces.....em $0.85

For use with EB and Greyhound hand piece.

Made of special steel, tempered to an edge holding degree.

Each

No. C-P2311—Shear Cutters; 4 point; weight each, ½ ounce..... $0.40

For same comb, except Arizona thin specify. Each

No. C-P1082—Shear Combs..... $0.95

PROTECTIVE COMB.

For Use with Wide Hand Pieces.

Each

No. C-5W—Shear Combs; weight each, 2½ ozs; 10 in box. $1.25

CLIPPING PLATES.

SHEARMASTER COMB.

Shearmaster plates are not interchangeable. They can only be used on the machine designated.

No. C-4HB.

No. C-4HA.

No. C-4HC.

A special shearing comb made for the Shearmaster and will fit no other handpiece or machine. Expertly finished and shaped for easy and fast shearing.

Each

No. C-4HB—Shear Combs; weight, 2 ozs..... $0.75

SHEARMASTER CUTTERS.

Fits only the Stewart Shearmaster. A narrow four-point cutter.

Each

No. C-4HA—Shear Cutters; weight, ½ oz..... $0.35

SHEARMASTER BOTTOM CLIPPING PLATES.

To clip cows, horses, mules or dogs with the Shearmaster, this plate must be used.

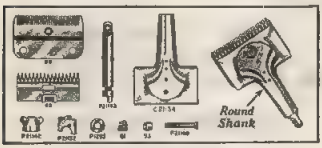
Each

No. C-4HC—Clipping Bottom Plates; weight, 3 ozs... $1.50

STEWART NO. C-C1 CLIPPING HEAD AND PARTS.

	Each
No. C-C1—Horse Clipper Heads; handle and knives complete; weight, 18 oz	$4.00
Clipper Parts	
C-90—Top plate; weight, 2½ oz	1.25
C-91—Tension spring; weight, ⅛ oz	.05
C-92—Tension bolt; weight, ⅛ oz	.10
C-93—Eccentric Roll; weight, ⅛ oz	.15
C-94—Tension nut; weight, ⅛ oz	.10
C-95—Pin and shaft; weight, 3 oz	.50
C-97—Shank; weight, 3½ oz	.60
C-98—Front part of handl; weight, 4 oz	.90
C-99—Bottom plate; weight, 3 oz	1.75

CLIPPING HEAD AND PARTS.

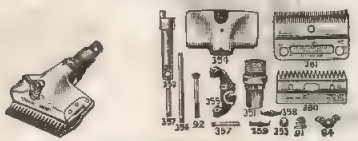


A new, better and lighter clipping head. It is made of indestructible alloy; easier running; new tension device insures faster clipping and lighter tension. Use this head for the most satisfactory clipping. Both D1 and D2 clippers use Nos. C-98 and C-99 plates.

	Each
No. C-D1—Clipper Heads; for old style clipper with round hole in shaft; weight, ¾ lb.	$4.00
No. C-D2—Clipper Heads; for new style clipper with square hole in shaft	4.00

Clipper Parts.	Used on	Each
C-90—Top Plate; weight, 2½ ozs	D1-D2	$1.25
C-91—Tension Spring; weight, ⅛ oz	D1 D2	.05
C-93—Crank Roller; weight, ⅛ oz	D1 D2	.15
C-98—Bottom Plate; weight, 3 ozs	D1-D2	1.75
C-P1292—Spring Washers; weight, ⅛ oz	D1 D2	.10
C-P21132—Retainer Plate; weight, ⅛ oz	D1 D2	.10
C-P21134—Head only; weight, 3 ozs	D1	1.00
C-P21136—Taper Shank; weight, 2 ozs	D2	.85
C-P21140—Tension Spring Bolts; weight, ¼ oz	D1 D2	.10
C-P21142—Wing Nuts; weight, ⅛ oz	D1-D2	.15
C-P21143—Drive Spindles; weight, 3¼ ozs	D1	.50
C-P21144—Drive Spindles; weight, 3 ozs	D2	.50
C-P21163—Head only; weight, 3 ozs	D2	1.00

STEWART LATEST MODEL CUTTING HEAD AND PARTS.



	Each
No. C-B1—Horse Clipper Heads; handle and knife complete; wgt., 17 oz	$4.00
Clipper Parts	
C-351—Taper sleeve; weight, 2 oz	.50
C-352—Drive pin; weight, 2 oz	.50
C-353—Drive ball; weight, ⅛ oz	.15
C-354—Brace; weight, 5 oz	.75
C-355—Cross head; weight, 1 oz	.75
C-356—Cross head pin; weight, ⅛ oz	.15
C-357—Guide pins; weight, 1/7 oz	.10
C-358—Ball boss; weight, 1/7 oz	.10
C-359—Socket boss; weight, 1/7 oz	.10
C-360—Top plate; weight, 2 oz	1.25
C-361—Bottom plate; weight, 3 oz	1.75
C- 92—Tension bolt; weight, 1/5 oz	.10
C- 91—Tension spring; weight, ⅛ oz	.05
C- 94—Tension nut; weight, 1/7 oz	.10

ADAPTERS.

CONNECTS HAND POWER CLIPPER OR SHEARING MACHINE TO MOTOR OR ENGINE.

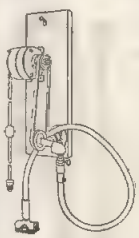


Fig. 1.

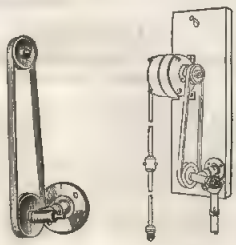


Fig. 2.

Figure 1—Illustrates an electric clipping machine made up with a hand power clipping attachment and any ¼ H. P. motor.

Figure 2—Shows the shearing hook-up made with the adapter outfit and a ¼ H. P. motor and part of your present hand power shearing machine.

Many owners of Stewart hand power clipping or sheep shearing machines have a ¼ H. P. motor they would like to connect to their clipping or shearing machine and do away with turning by hand. The Stewart adapter outfit is designed for this purpose. Pulleys for this outfit are bored to fit ½-inch spindles, the size found on nearly all ¼ H. P. motors, so it is a simple matter to convert a hand power machine into a motor driven one.

	Each
No. C-8601—Shearing Machine Adapters; 2 pulleys, bracket fixture, V belt and necessary screws; weight, 4 lbs.	$5.50

STEWART.

CLIPPING MACHINES.

STEWART HAND OPERATED.

Ball bearing. Clips cows, horses, mules and dogs.

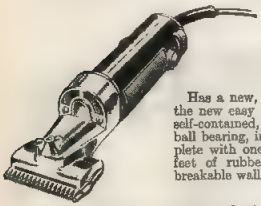
Strong, well built and easy turning. Has wide spread tripod base with substantial tubular upright. Gears cut from solid steel, run in a bath of oil and are housed in a metal case, protected from dust, dirt and moisture.

Fitted with the wonderful new D-1 clipping head. Shaft and chain are six feet in length, making it convenient to clip any part of the animal.

Each

No. C-1 — Clipping Machines; weight each, 27 lbs. $12.50

NEW ELECTRIC CLIPMASTER.



Has a new, faster clipping head and the new easy grip hand piece with its self-contained, 78% more powerful, ball bearing, insulated motor. Complete with one set cutting plates, 20 feet of rubber covered cord and unbreakable wall plug.

Each

No. C-21—Electric Clippers; 110 volt, AC or DC current; weight each, 6 lbs. $16.95

CUTTING BLADES FOR C-21 ELECTRIC CLIPPERS.

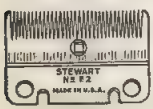
No. C-72M.

No. C-C71M.

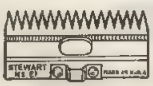
Each

No. C-72M Clipper Bottom Plates $1 75
No. C-C71M—Clipper Top Plates 1 25

CUTTING BLADES FOR J2 ELECTRIC CLIPPERS.



No. C-E2.



No. C-E1.

Each

No. C-E2—Clipper Bottom Plates $1.75
No. C-E1—Clipper Top Plates 1.25

SHEEP SHEARING MACHINES.

ONE-MAN POWER.

Has complete clutch bracket with 3½-inch pulley. Readily belted to any engine. When not shearing, simply push top of jointed shaft over to put out of gear. The bracket it of heavy cast iron made to fasten to a post or side of building. Has two-piece tube shaft with joint guards. Is equipped with Stewart No. C-7 shear head.

Each

No. C-OMS25—Sheep Shearing Machines; has 66-inch jointed shaft; complete with No. C-7 shear, 2 combs and 4 cutters, with bolts for clutch bracket; weight boxed, 47 lbs. $27.50

No. C-OMS25EB—Sheep Shearing Machines; with No. EB hand piece; otherwise as No. C-OMS25 ..... 35.00

STEWART HAND OPERATED.

Stewart ball bearing machine with No. 7 ball bearing shear.

Each

No. C-9—Sheep Shearing Machines; complete with 2 sets combs and 4 cutters; weight boxed, 38 lbs. $22 95

SHEARS.

Each

No. C-7—Shears; ball bearing; complete with cutter and comb; weight each, 3⅝ lbs. $9.00

This shear will fit No. C-9 and No. C-OMS25 Stewart sheep shearing machines and uses No. C-276 cutters and No. C-277 combs.

WIDE HAND PIECES.

Without Plates.

One piece offset frame, malleable iron casting. Parts operate in hardened steel bushings, free from vibration. Will cut the densest wool freely. Working parts are made of high grade tool steel, hard entirely through the piece.

Each

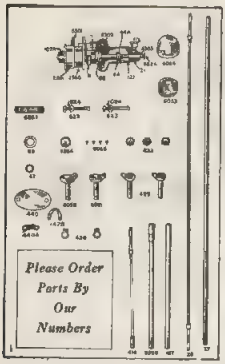
No. C-EB—Hand Pieces; uses No. C-287 comb and No. C-P2311 cutter; weight each, 4 lbs. $14 00

To use the No. C-EB on special short tube, replacing the No C-7 handpiece, order; Each

No. C-P6998 Adapter Sleeves $0.50

CLIPPER AND SHEARING MACHINE PARTS.

FOR ONE-MAN POWER SHEARING MACHINE.



When special short tube for use with No. C-7 hand piece is wanted, order No. C-G2269. No. C-417 short tube is used with Greyhound and E-B wide hand pieces.

Clipper Parts.	Each
C-7—Shearing hand piece; 3 lbs	$0.00
C-E11 —Grease cup (2 used); 2 oz	.35
C-416—Short spindle, complete; 12 oz	1.50
C-417—Short tube (to replace No. C-G2269 when either E-B or Greyhound shearing hand piece is used); ¼ lb	1.25
C-E21—Clutch spring screw (2 used); 1 oz	.02
C-E26—Long spindle, complete; 2 lbs	2.00
C-E27—Long tube, complete; 2 lbs	3.00
C-W31—Belt guide screw; ½ oz	.10
C-E42—Lock ring; 2.5 oz	.05
C-E44—Spindle collar; 4 ozs	.50
C-E44A—Collar pin; ½ oz	.05
C-E88 -Bearing bushing lock nut; 1½ ozs	.75
C-E89 —Bearing bushing washer; 1/5 oz	.15
C-G107A Tight pulley set screw; ¼ oz	.10
C-E121 Clutch spring; 1/5 oz	.20
C-414—Screw end; 3 ozs	.60
C-429 Joint yoke (2 used); 6 ozs	2.00
C-432—Cog (12 teeth) (3 used); 2 ozs	.60
C-436—Tube clamp, complete (2 used); 2 ozs	.25
C-440 Leather joint guard; 2 ozs	.50
C-440A Lacing for leather joint guard; 1 oz	.10
C-623 —Frame bolt (2 used); 5 ozs	.10
C-624—Frame bolt washer (2 used); ½ oz	.10
C-P1478—Joint spring (not shown);	.15
C-G2269—Special short tube, complete for No. 7 shearing hand piece; 8 ozs	1.75
C-P2560 —Loose pulley; 1¼ lbs	2.00
C-P2561 —Tight pulley; 1¼ lbs	2.00
C-P6050—Large joint yoke; 7½ ozs	2.75
C-P6051—Small joint yoke; 6¼ ozs	2.50
C-P6053 -Inner joint cover for top joint; 6¾ ozs	.50
C-P6054—Outer joint cover for top joint; 10¼ ozs	.60
C-P6056—Joint cover screw (4 used); 1/5 oz	.05
C-P6301 Belt guide; ¾ lb	1.00
C-P6302 Frame; 4½ lbs	3.50
C-P6303—Drive spindle; 1 lb	1.75
C-P6824—Cog (15 teeth); 2¼ ozs	1 25
C-G6883 Bearing bushing and stop pin; 5½ ozs	2.25
C-G6928—Jointed shaft (complete); 5 lbs	12.50
C-G6929—Frame, complete as illustrated, including C-P6824 cog; 9 lbs	14.25

FOR STEWART NO. C-7 NARROW HANDPIECE.

Note—The No. C-7 narrow hand piece when used on any Stewart hand power shearing machine except the No. C-9, takes No. C-G2267 special short tube. Using the No. C-7 on the one-man power machine the No. C-G2269 short tube is required. Short tube No. C-26-9 is used with the No. C-7 hand piece on the No. C-9 shearing machine.

Clipper Parts.	Each
C-DL—Leather joint guard (complete with lace); 2 ozs.	$0 35
C-16—Comb screw (2 used); 1/5 oz	.05
C-18—Fork pin (2 used); 1/16 oz	.15
C-30-9X—Lower joint yoke (diam. ⅞ in.); 5 ozs	1.50
C-31-9—Cog (2 used, 12 teeth, dia., 1 in., unthreaded); 1 oz	.50
C-250A Frame; 14 ozs	1 50
C-251 —Lid of frame; 4 ozs	1.00
C-252—Tension nut (dia. of top, 1⅛ ins); 2 ozs	.65
C-253—Tension pin; ⅛ oz	.35
C-254—Oil hole screw; ⅛ oz	.05
C-255—Tension spring; 1 oz	.10
C-257 Fork, complete; 4 ozs	3.50
C-258—Tension spring screw; 1/10 oz	.05
C-261—Fork tongue; 1 oz	.50
C-262 Lid screw (2 used); 1/5 oz	.05
C-263A Ferrule; ½ oz	.15
C-264—Tension nut disc; 1/6 oz	.10
C-268—Crank roller; ⅛ oz	.15
C-269—Leather handle grip; ¼ oz	.35
C-269A —Leather handle grip lace; 1/6 oz	.10
C-270A —Lace for joint guard; 1/16 oz.	.10
C-271—Tongue pin; 1/16 oz	.05
C-272—Shell cup; ¼ oz	.15
C-273—Joint spindle pin; 1/16 oz	.05
C-274—Fulcrum ball; 1/16 oz	.10
C-276—Cutter (3 teeth); ⅓ oz	.30
C-277—Comb (10 teeth); 2 ozs	.80
C-278—Joint spindle; 2 ozs	.60
C-279—Main spindle ball race; 1 oz	.30
C-280 Main spindle (length over all 6⅛ ins.) 4 ozs	.75
C-282—Upper joint yoke (size, ⅝ ins); 5 ozs	1.50
C-284—Ball bearing for main spindle (11 balls); ¼ oz.	.10
C-285 Ball bearing for gear (14 balls); ¼ oz	.15
C-G2267—Special short tube for using No. 7 on any hand operated machine except No. 9; 8 ozs	1.50
C-G3269 Special short tube for using No. 7 on one man power machine; 8½ ozs	1.75

CLIPPER REPAIRS.

TOILET AND FETLOCK.

	Each
No. C-Top Plates for Ace 1 Clippers	$0.72
No. C-Bottom Plates for Ace 1 Clippers	1.10
No. C-Top Plates for Ace 0 Clippers	.72
No. C-Bottom Plates for Ace 0 Clippers	1.10
No. C-Top Plates for Ace 00 Clippers	.72
No. C-Bottom Plates for Ace 00 Clippers	1.10
No. C-Top Plates for Ace 000 Clippers	.72
No. C-Bottom Plates for Ace 000 Clippers	1.10
No. C-Top Plates for Ace Jr. 00 Clippers	.72
No. C-Bottom Plates for Ace Jr. 00 Clippers	1.10
No. C-Top Plates for Ace Jr. 000 Clippers	.72
No. C-Bottom Plates for Ace Jr. 000 Clippers	1.10
No. C-Top Plates for Deuce 00 Clippers	.30
No. C-Bottom Plates for Deuce 00 Clippers	.50
No. C-Top Plates for Deuce 000 Clippers	.30
No. C-Bottom Plates for Deuce 000 Clippers	.50
No. C-Top Plates for Deuce 0000 Clippers	.30
No. C-Bottom Plates for Deuce 0000 Clippers	.50
	Per Set
No. C-Home 000 Top and Bottom Plates	$1.60
	Each
No. C-Top Plates for King 00 Clippers	.30
No. C-Bottom Plates for King 00 Clippers	.50
No. C-Top Plates for King 000 Clippers	.30
No. C-Bottom Plates for King 000 Clippers	.50
No. C-Top Plates for King 0000 Clippers	.30
No. C-Bottom Plates for King 0000 Clippers	.50
No. C-Top Plates for Midget 0000 Clippers	.76
No. C-Bottom Plates for Midget 0000 Clippers	1.24
No. C-Top Plates for Modoc Clippers	.72
No. C-Bottom Plates for Modoc Clippers	1.08
No. C-Top Plates for Model D 000 Clippers	.50
No. C-Bottom Plates for Model D 000 Clippers	.80
No. C-Top Plates for Mustang Clippers	1.08
No. C-Bottom Plates for Mustang Clippers	1.44
No. C-Top Plates for President 000 Clippers	.90
No. C-Bottom Plates for President 000 Clippers	1.50
No. C-Top Plates for Princess 0000 Clippers	.76
No. C-Bottom Plates for Princess 0000 Clippers	1.26
No. C-Top Plates for Royal 0 Clippers	.36
No. C-Bottom Plates for Royal 0 Clippers	.54

SPRINGS.

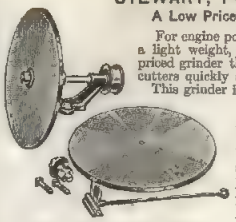
	Per Dozen
No. C-Springs for Ace Clippers	$1.20
No. C-Springs for Ace Jr. Clippers	1.20
No. C-Springs for American Clippers	1.44
No. C-Springs for Columbian Clippers	1.80
No. C-Springs for Deuce Clippers	1.20
No. C-Springs for Hilton Clippers	1.44
No. C-Springs for King Clippers	1.20
No. C-Springs for Modoc Clippers	3.20
No. C-Springs for Model D Clippers	1.00
No. C-Springs for Mustang Clippers	3.60
No. C-Springs for Paragon Clippers	1.44
No. C-Springs for President 0000 Clippers	1.00
No. C-Springs for Speed Clippers	1.80
No. C-Springs for Tiger, Midget and Princess Clippers	1.20
No. C-Springs for Trump Clippers	1.44
No. C-Springs for Royal 0 Clippers	1.20

Approx. weight each, ½ to 3 ozs.

SHEAR AND CLIPPER PLATE GRINDERS.

STEWART, POWER.

A Low Priced, Fast Power Grinder.



For engine power it meets the demand for a light weight, serviceable and moderately priced grinder that will sharpen combs and cutters quickly and well.

This grinder is particularly suited to the needs of the custom shearer. It has a light, sturdy base, with arbor bearings spaced wide apart. The two strong, but light, aluminum discs are used as clamp plates when affixing abrasive cloth. It adds very little to the weight of the shearing outfit, yet it sharpens combs and cutters as quickly and well as can be done on grinders weighing a great deal more.

Each

No. C-6—Blade Grinders; supplied complete with base, pendulum, two 12-inch discs, clamp bolt, two edge clamps and lag screws for anchoring; shipping weight, 20 lbs. $23.00

HAND.

Each

No. C-4C—Blade Grinders; for horse clipper and sheep shearing knives. This new improved grinder does wonderfully fine work. It is made in accordance with the precision standard of Stewart clipping and shearing machines, is strongly built to give years of good service. The Stewart No. 4C uses a grinding powder and not an emery circle. It is simple to use and very efficient in results. Shipping weight 32 lbs. $12.75

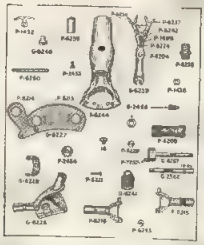
EMERY CLOTH DISCS.

Nos.	Each	Inch	Grit
C-12-40	$0.48	12	40
C-12-60	.42	12	60
C-12-80	.38	12	80
C-13-40	.66	13	40
C-13-60	.58	13	60
C-13-80	.54	13	80
C-14½-40	.76	14½	40
C-14½-60	.68	14½	60
C-14½-80	.64	14½	80

STEWART LIQUID CEMENT.

Each

No. C-Stewart's Liquid Cement; 1-pint size; weight, each 2 lbs. $2.00



Yokes No. C-P6216-1 and No. C-P6215-1 are on E-B hand pieces shipped since May, 1933. These yokes can be used together on any E-B but an old type yoke (P6215-1 or P6216) cannot be used with the heavier P6215-1 or P6216-1. To use the E-B on special short tube taking No. C-7 hand piece, order adapter bushing No. C-P6998.

Clipper Parts.	Each
C-16—Comb screw; 1/6 oz	$0.05
C-19A Back spindle pin; 1/2 oz.	.05
C-P1419—Fork yoke retaining spring screw; 1/2 oz.	.10
C-P1432—Fork yoke retaining spring; 1/6 oz	.10
C-P1438—Crank Roller; 1/2 oz.	.50
C-P1499—Tension pin retaining spring; 1/2 oz.	.10
C-P2440—Nut for post; 1/2 oz.	.15
C-P2454 Cog; 1/6 oz	.75
C-G2459—Center post, complete with nut; 1/2 oz	.50
C-P2460—Post only; 1/2 oz	.35
C-G2562—Back spindle, complete with pin; 1 1/2 ozs.	1.00
C-P2773—Tension pin retaining spring screw; 1/2 oz.	.10
C-P6204—Fork bottom cup; 1/2 oz.	.30
C-P6206—Main spindle only; 2 oz	1.00
C-G6207—Main spindle, complete with crank head; 2 1/2 ozs.	1.75
C-P6208—Screw Bushing; 4 1/2 ozs.	2.50
C-P6213—Leather joint guard; 1 oz	.30
C-P6214—Leather joint guard tongue; 1/2 oz.	.10
C-P6215-1—Short half back joint; 4 1/2 ozs.	3.00
C-P6216-1—Long half back joint; 4 1/2 ozs.	3.00
C-P6220—Oil hole screw; 1/6 oz.	.05

Clipper Parts.	Each
C-P6221—Fork stop screw; 1/6 oz.	.10
C-P6222—Felt handle grip; 1/6 oz.	.50
C-G6226—Joint assembly, composed of long half and short half back joint, coupling spring, leather joint guard and tongue; 9 ozs.	6.50
C-G6227—Leather joint guard, complete with tongue, assembled; 1 1/2 ozs.	.45
C-P6230-1—Joint coupling spring; 1/6 oz.	.30
C-P6237 —Fork yoke (right hand); 1/6 oz	1.00
C-P6238—Fork yoke (left hand); 1/6 oz	1.00
C-G6239 —Yoke type fork (complete); 5 ozs.	5 00
C-P6240 —Tension nut disc; 1/6 oz	.10
C-G6241—Tension nut, complete with disc; 2 ozs.	2.00
C-P6242—Top fork cap; 1/6 oz	.50
C-P6243 Peep hole screw; 1/6 oz	.20
C-P6244 Handle; 21 ozs	4.00
C-P6258 —Tension nut screw bushing; 1 oz.	1.25
C-P6259 —Tension nut cup (new type); 1/6 oz	.75
C-P6260 -Tension pin (large ball on top end); 1/6 oz.	.35
C-P7757—Crank head only; 1/6 ozs.	.75
C-P20025—Tension pin (3/32 in. longer than No. C-P6260); 1/6 oz.	.35

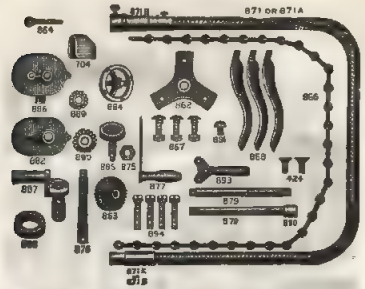
Farwell O.K. . . . .

WHEN YOU SEE THIS LABEL,

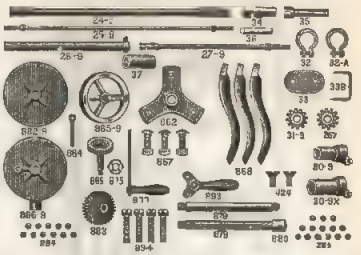
YOU KNOW YOU ARE SAFE. IT STANDS FOR THE FINEST QUALITY WE CAN MAKE AT MEDIUM PRICES.

CLIPPER AND SHEARING MACHINE PARTS.

FOR STEWART NO. C-10 CLIPPING MACHINE AND NO. C-SC1050 CLIPPING ATTACHMENT.



FOR STEWART MACHINE AND NO. C-77 SHEARING ATTACHMENT.



Asterisk (*) before the part number indicates that this is also a part for No. C-SC1050 clipping attachment which is used on the No. C-9 shearing machine for clipping cows, horses, mules and dogs. With the exception of only three parts, as shown in parts list, parts for No. C-10 and No. C-1 machines are interchangeable. On hand power clippers shipped since March 1, 1933, the three parts below should be specified for use with No. C-D-1 head:

Clipper Parts.	Each
C-G70F—Shaft and chain; 3½ lbs.	$6.50
C-G74F—Shaft without chain; 39 ozs.	3.50
C-P21135—3-inch ferrule to fit D-1 head; 4 ozs.	.40
C-424-892—Grip handle screws (2 used); ¼ oz.	.05
*C-704—Gear cap (covers cogs in gear head); 5½ ozs.	.25
C-862—Leg bracket; 41 ozs.	.75
C-864—Cotter pin; ¼ oz.	.02
C-865-9—Balance wheel and spindle for No. 10; 40 ozs.	2.00
*C-866—6-foot chain; 1 lb.	3.00
*C-866A—Links for chain; ½ oz.	.10
C-867—Bracket bolt and nut; (3 used) 2 ozs.	.08
C-868—Legs (3 used); 30 ozs.	.40
C-74F-871—6-ft. shaft without chain, to take round shank of C-1 and D-1 clipping heads; 39 ozs.	3.50
*C-871A—6-ft. shaft, without chain, square hole to fit B-1 and D-2 clipping heads; 39 ozs.	3.50
*C-871B—5-inch ferrule for G-74F and 871A shaft; 13 ozs.	.50
*C-871C—Thumb screw for 871B ferrule; 1 oz.	.20
*C-871D—Set screw for 871B ferrule; ½ oz.	.05
C-P21135—3-inch ferrule fo No. 871 and G74F shaft for C-1 and D-1 heads; 4 ozs.	.40
C-871F—3-inch ferrule for new style No. 871-A for B-1 and D-2 heads; 4 ozs.	.40
C-875—Hexagon nut for crank; ½ oz.	.05
*C-876—Eye spindle; 4 ozs.	.25
C-877—Crank handle complete; 12 ozs.	.75
C-879—Either section of upright, (2 used); 17 ozs.	.50
C-880—Coupling for upright; 3 ozs.	.30
C-882—Gear case cover for No. 1; 27 ozs.	1.00
C-882-9—Gear case cover for No. 10, not shown; 49 ozs.	1.25
C-883—Intermediate gear and pinion; 12 ozs.	2.00
C-884—Balance wheel and spindle for No. 1; 22 ozs.	1.75
C-884A—Spindle for balance wheel.	.50
C-884B Balance wheel, less spindle.	.50
C-884C—Balance pinion.	.75
C-885—Drive gear and spindle; 19 ozs.	2.00
C-886—Gear case for No. 1; 50 ozs.	1.50
C-886-9—Gear case for No. 10, not shown; 66 ozs.	1.75
*C-887—Gear head; 20 ozs.	1.75
*C-888—Balls and ball cup; 1 oz.	.35
*C-889—Small cog, threaded, 14 teeth; 1 oz.	.50
*C-890—Large cog, threaded, 20 teeth; 1½ ozs.	.60
*C-891—Gear cap screw; ⅛ oz.	.05
C-893—Grip handle; 11 ozs.	.35
C-894—Gear case screw, (4 used); 1 oz.	.05
C-G70F Shaft and chain complete for C-1 and D-1 clipping head; 3½ lbs.	6.50
*C-G598—Shaft and chain complete for B-1 and D-2 clipping head; 3½ lbs.	6.50

The parts of the No. 9 shearing machine which are marked with an asterisk (*) are also parts of the No. 77 shearing attachment. The No. 77 attachment is used with Stewart hand power clipping machines when those machines are used for shearing sheep or goats.

Clipper Parts.	Each
*C-24-9—Long tube, complete (26 ins. long) 14 ozs.	$1.50
*C-24-9A—Upper ferrule for long tube; 3 ozs.	.35
*C-25-9—Long spindle, complete (3 pieces, length over all 27¾ ins., long piece 23½ ins.; 13 ozs.	1.50
*C-26-9—Short tube (length 15 ins.); 8 ozs.	1.00
*C-27-9—Short spindle, complete (includes No. 34 bayonet ferrule and No. 35 end of short spindle, 14½ ins. over all; 6 ozs.	.35
*C-30-9—Upper Yoke; 5 ozs.	1.50
*C-30-9X Yoke for shaft (3 used); 5 ozs.	1.50
*C-31-9—Cog (12 teeth not threaded); 1 oz.	.50
*C-32—Upper tube clamp; 1 oz.	.35
*C-32A—Lower tube clamp; 1 oz.	.35
*C-33—Leather guard for middle joint; 2 ozs.	.25
*C-33B—Hook for leather guard; 1 oz.	.02
*C-34—Bayonet ferrule; 2 ozs.	.45
*C-34A—Pin for No. 34 ferrule (not illustrated); ⅛ oz.	.05
*C-35—End of long or short spindle (3 used, length 2⅝ ins.); 2 ozs.	.35
*C-36—Connecting pin (3 used); ⅛ oz.	.05
*C-37—Back bushing for balance wheel spindle; 1 oz.	.20
*C-X42—Middle ball bearing joint for shaft, assembled; 15 ozs.	4.50
*C-X43 Top ball bearing joint for shaft assembled; 13 ozs	4.00
*C-X44—Complete ball bearing jointed shaft; 5 lbs.	8.50
*C-267—Cog (12 teeth, threaded); 1 oz.	.50
*C-284—Set of ball bearings for spindles; ¼ oz.	.10
*C-285—Set of ball bearings for gears; ¼ oz.	.15
C-424—Grip handle screw (2 used); ¼ oz.	.05
C-862—Leg bracket; 41 ozs.	.75
C-864—Cotter pin; ¼ oz.	.02
C-865-9—Balance wheel and spindle; 40 ozs.	2.00
C-867—Bracket bolt and nut (3 used); 2 ozs.	.08
C-868—Legs (3 used); 30 ozs.	.40
C-875—Hexagon nut for crank; ½ oz.	.05
C-877—Crank handle, complete; 12 ozs.	.75
C-879—Either section of upright (2 used); 17 ozs.	.50
C-880—Coupling for upright; 3 ozs.	.30
C-882-9—Gear case cover; 49 ozs.	1.25
C-885—Intermediate gear and pinion; 12 ozs.	2.00
C-854A—Spindle for balance wheel; 3½ ozs.	.60
C-885—Drive gear and spindle; 19 ozs.	2.00
C-886-9—Gear case; 66 ozs.	1.75
C-893—Grip handle; 11 ozs.	.35
C-894—Gear case screw (4 used); 1 oz.	.05
*C-G2268—Special short tube for using a shear other than No. 7 ball bearing on No. 9 machine; 8 ozs.	1.50

Quality Croquet Sets

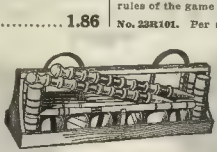
Made of Seasoned Hard Maple

Four Ball Croquet Set. Here is a moderately priced but durably made set. Oil filled and varnished. The balls are striped. Each set has two stakes that are striped in eight colors. Nine heavy arches, five inch striped mallets, with striped beaded handles. The rack for holding the set is unfinished. Book of rules with each outfit.

No. 23R100. Per set..... **1.86**

Six Ball Croquet Set, consists of six balls and six mallets, two stakes and nine arches. The set is oil filled and varnished. Balls are striped. The five-inch mallets are striped, with striped and beaded handles. Both stakes are striped in eight colors. The rack for carrying the set comes unfinished. A book of rules of the game is included with each set.

No. 23R101. Per set..... **2.48**

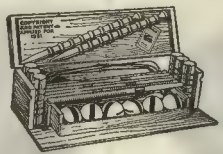


Six Ball Croquet Set. An attractively finished and sturdily constructed outfit. Set is both oil filled and varnished. Balls are striped. Two large turned beaded stakes striped in eight colors and decorated in bronze. Heavy arches. Mallets are eight inch and striped in two colors, with beaded handles, striped in three colors. Rack for set is finished in colored stain. Book of rules with each set.

No. 23R103. Per set..... **4.80**

Eight Ball Croquet Set. An attractively finished set that is well constructed throughout. Balls are neatly striped. The set is varnished as well as oil filled. The two large beaded stakes are decorated in bronze and striped in eight colors. The eight inch mallets are striped in two colors while the beaded handles are striped in three colors. The carrying rack is finished in colored stain. Book of rules with each set.

No. 23R106. Per set..... **5.60**



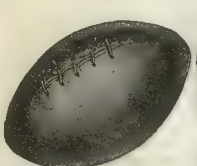
Six Ball, Professional, Croquet Set. This is the last word in attractive outfits. Sets are oil filled and uniformly colored, orange with permanent oil stain, finished with waterproof varnish. Balls are neatly striped. The turned beaded stakes are banded with eight colors. Mallets of eight inch length are reinforced on ends with nickel-plated ferrules. Mallet handles are turned and striped in three colors. Black enameled steel arches with sockets. Book of rules with each set. Packed in strong box with cover.

No. 23R104. Per set..... **6.40**

Eight Ball, Professional, Croquet Set. For those who want a fine, substantial outfit. This set is both oil filled and colored orange with permanent oil stain and finished with waterproof varnish. Striped balls. The beaded stakes are banded with eight colors. 3 inch mallets are reinforced on ends with nickel-plated ferrules. Mallet handles are striped in three colors and turned. Black enameled steel arches with sockets. Each set has a book of rules Packed in box with cover.

No. 23R107. Per set..... **7.88**

Values in Footballs



Regulation Size Football, made of genuine pebbled grain cowhide. Official size. Equipped with bladder, leather lace and lacing needle. Each in box.

No. 12R2. Per dozen..... 6.60

Valve Type Official Size Football. Made of pebbled grain genuine cowhide. Equipped with rubber covered valve cap. Combination valve tool in a cloth bag attached to ball. Fully laced with leather lace. Each in box.

No. 12R18.
Per dozen.... 10.00 | Each.... .90

Valve Type, and Official Size, Football. Good weight grain cowhide. Rubberized cloth lining. Rubber covered valve cap. Combination valve tool in cloth bag. Ready laced with leather lace. Each in box.

No. 12R19. Each..... 1.75

Wilson

Mfg. No. SL9

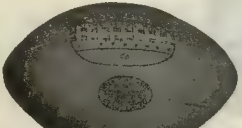
"Dick" Hanley Autograph Practice Play Football. Full size. Made of full grain pebble cowhide, lined with special balata impregnated fabric for double strength and double service. Equipped with patented detachable metal valve bladder. White rawhide lace.

No. 12R55. Each 2.45

Mfg. No. 22RLR

Wilson Valve Football. New criss-cross rawhide laced. Made of selected pebbled grain cowhide, with our patented double lining feature, which holds the ball in shape. Complete with stemless bladder, and laced ready for inflation. Rubber valve.

No. 12R48. Each..... 5.15



Mfg. No. RLFR

Wilson Interscholastic Ready Laced Foot Ball. No lacing worries, as the ball is laced with a rawhide lace ready to inflate. No bladder stem to tie; inflates in a jiffy through a valve same as in an auto tire. Made of fine selected pebble grain cowhide with our patented double lining feature which holds ball in shape and prevents stretching. Regulation size and weight. Complete with stemless bladder and laced ready for inflation. Each in box.

No. 12R13. Each..... 5.88

Mfg. No KRR

The Wilson-Reckne Double Laced, double lined Official Intercollegiate foot ball has become known as the perfect foot ball

It's a livelier ball and holds its shape permanently because of the patented double lining. The double lacing double locks and permanently closes the lacing aperture and also insures a finer grip in passing.

The KR comes already laced, ready for instant inflation—through a valve just like an auto tire.

Made of finest selected Gunnison pebble grain cowhide, especially tanned. Complete with seamless patented valve bladder. Each in box.

No. 12R37. Each Less 2%..... 9.00

SOLID CAST BRONZE WITH SHADED LIGHT.

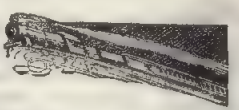
The new 9500 line cast in bronze and finished with beautifully polished high lights, producing very attractive contrasts in both metal parts and glass ware. The finish is designated as natural bronze. Bronze metal speaks for itself. It is old, yet ever new. Master craftsman throughout the ages have utilized bronze to attain the utmost in beauty and lasting quality in their product.

Each

No. E8-9537 -Electric Light Fixtures; seven-light drop fixture; has a glass break, producing a beautiful effect when fixture is illuminated; there is a switch in the body of the fixture which controls the five lights in the glass side pockets, thus permitting the use of two center lights in the bowl as a soft night light; length, 42 inches; spread, 18½ inches; packed one in a carton.....$30.00

Each

No. E8-9547—Electric Light Fixtures; seven-light, semi-ceiling fixture; glass bowl has five upright panels which fit into the body of the fixture between the metal sides, allowing the light to come through and giving the effect of ten glass pockets in addition to the glass bottom; the glassware is all of a soft champagne color, producing a mellow soft light; length, 18½ inches; spread, 18½ inches; packed one in a carton $30 00



WHERE SPEED and RELIABILITY COUNT.

If you can give your customers exactly what they want, when they want it if you can do it even 90% of the time, success is yours. Who can better help you than Farwell's?

9500 LINE.

SOLID CAST BRONZE, WITH SHADED LIGHT.

Each

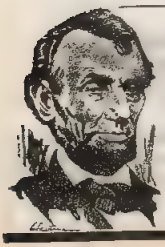
No. E8-9513—Electric Light Fixtures; three-light drop fixture; length, 36 inches; spread, 12 inches; packed one in a carton.....$12.90

Each

No. E8-9522—Electric Light Fixtures; two-light, semi-ceiling fixture; length, 18 inches; spread, 9½ inches; packed one in a carton.....$9.56

Each

No. E8-9501 Electric Light Fixtures; one-light bracket fixture; wall plate, 8½x5½ inches; extends 5 inches; packed one in a carton.....$4.50



"You Can Fool all of the people some of the time, and some of the people all of the time. But you can't fool all of the people all of the time.

WE DON'T TRY TO.

2900 LINE.

These fixtures are cast in metal and finished in old gold, with tan iridescent glass shades. The color, harmonious and distinctive design of the line of fixtures is adapted to the decorative requirements of any room in the home.

Each

No. E8-2936—Electric Light Fixtures; six-light drop fixture; outside lights controlled by canopy switch; length, 42 inches; spread, 17½ inches; one in a carton.... **$15.00**

Each

No. E8-2915—Electric Light Fixtures; five-light drop type fixture; length, 36 inches; spread, 17½ inches; one in carton..... **$11.85**

No. E8-2901.

Each

No. E8-2901—Electric Light Fixtures; side wall bracket fixture; length, 10½ inches; width, 5½ inches; extends 4½ inches; packed one in a carton; with canopy switch.....**$3.00**

Each

No. E8-2913—Electric Light Fixtures; three-light drop type fixture; length, 36 inches; spread, 16 inches; one in a carton.....**$8.40**

No. E8-2913.

Note—Type F15 flame shaped bulb is recommended for the center of No. 2936.

Each

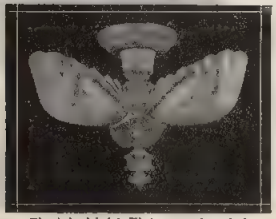
No. E8-2931 — Electric Light Fixtures; torchier type; for use as radio lamp or table lamp, etc., with canopy switch and 6 feet of cord and plug; height, 15¾ inches; width, 6 inches; one in a carton . . **$4.80**

Each

No. E8-2941—Electric Light Fixtures; single drop type; length, 36 inches; spread, 6 inches; one in a carton . . **$5.26**

Each

No. E8-2982—Electric Light Fixtures; ceiling bowl type; bowl diameter, 10¼ inches; over all length, 10 inches; one in a carton. . . . **$6.00**



Each

No. E8-2923—Electric Light Fixtures; three-light ceiling type; length, 10½ inches; spread, 16 inches; one in a carton. **$7.50**

Each

No. E8-2925—Electric Light Fixtures; five-light ceiling fixture; length, 12 inches; spread, 17½ inches; one in a carton. **$11.25**

Each

No. E8-2976—Electric Light Fixtures; six-light drop fixture with illuminated bottom; all lights controlled by three-way canopy switch, permitting the use of side lights only, center light only or all lights at once; one in a carton. . . . **$15.60**

No. E8-2996—Electric Light Fixtures; same as above, only ceiling type and without four-way canopy switch. **14.85**

Each

No. E8-3375—Electric Light Fixtures; five-light candle fixtures; a very attractive and well built fixture.....**$10.00**

Each

No. E8-3385—Electric Light Fixtures; five-light fixture. Same as No. 3375, only drop type.....**$8.40**

No. E8-3395—Electric Light Fixtures; same as No. E8-3385, only ceiling and not chain type.....**7.80**

Each

No. E8-3302—Electric Light Fixtures; two-light candle bracket; wall plate, 9½x4½ inches; extends 4 inches; one in a carton.....**$3.60**

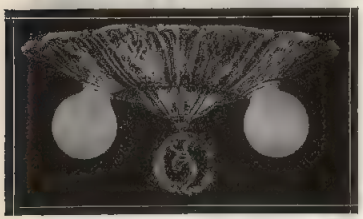
Each

No. E8-3301—Electric Light Fixtures; one-light candle bracket; wall plate, 8½x4½ inches; extends 4¾ inches; one in a carton.....**$2.70**

3300 LINE.

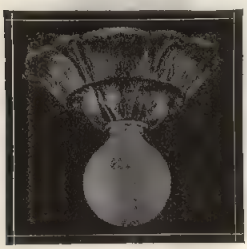
Each

No. E8-3363—**Electric Light Fixtures**; three-light ceiling fixture; length, 5¾ inches; spread, 10½ inches; one in a carton.....$3.60



Each

No. E8-3362—**Electric Light Fixtures**; two-light ceiling fixture; one in a carton.....$2.86



Each

No. E8-3361—**Electric Light Fixtures**; one-light ceiling fixture; length, 2¾ inches; spread, 7½ inches; one in a carton.....$1.80

3915 LINE.

E8-3901

A new line of colorful body fixtures possessing many distinctive elements in designing. These fixtures possess balance and symmetry. The finish is browntone poly in glossy lacquer with colorful highlights.

Each

No. E8-3915—**Electric Light Fixtures**; five-light drop type fixture; 36 inches long, with 20-inch spread; one in a carton.....$12.00

No. E8-3913—**Electric Light Fixtures**; same as above, only three-light drop, with 17-inch spread 8.86

No. E8-3901—**Electric Light Fixtures**; one-light candle bracket; wall plate, 6x4 inches; extends, 5½ inches; one in a carton 3.00

Each

No. E8-3925—**Electric Light Fixtures**; five-light semi-ceiling fixture; 12 inches deep, with 20-inch spread; one in a carton.....$11.40

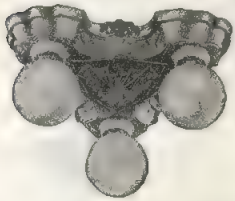
No. E8-3923—**Electric Light Fixtures**; same as above, only three-light fixture, with 17-inch spread..... 8.26

400 LINE.

These fixtures demonstrate that striking beauty in design and finish may be had at decidedly attractive prices. Note the well rounded effect of the fixtures, the free modeling of the decorative motifs, the graceful proportions of each number. The finish is gold poly.

No. E8-415—Electric Light Fixtures; five-light drop fixture; length, 36 inches; spread, 17 inches..... Each **$7.50**

No. E8-413—Electric Light Fixtures; three-light drop fixture; length, 36 inches; spread, 12½ inches . Each **$5.86**



No. E8-463—Electric Light Fixtures; three-light ceiling fixture; length, 2¾ inches; spread, 12½ inches .. Each **$2.86**

No. E8-402—Electric Light Fixtures; two-light bracket, wall bracket, 8x9 inches; extends, 4¼ inches Each **$4.30**

No. E8-465—Electric Light Fixtures; five-light ceiling fixture; length, 3 inches; spread, 17 inches... Each **$6.30**

No. E8-462—Electric Light Fixtures; two-light ceiling fixture; length, 2¾ inches; spread, 12½x5½ inches . Each **$1.96**

No. E8-401—Electric Light Fixtures; one-light bracket; wall plate, 4¼x10 inches, extends, 4¼ inches ... Each **$3.00**

No. E8-471—Electric Light Fixtures; one-light ceiling fixture; length, 2¾ inches; spread, 6 inches. ..... Each **$1.66**

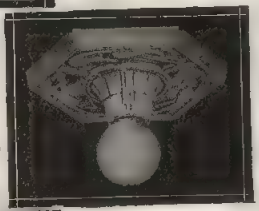
BEDROOM AND ODD ROOM.

Each

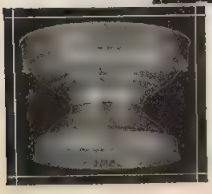
No. E8-9062—Electric Light Fixtures; finished in old ivory with chromium reflectors, giving added light and beauty; length, 6 inches; spread, 13x6¾ inches..... **$3.60**

Each

No. E8-9071—Electric Light Fixtures; a beautiful side light fixture; old ivory finish, with chrome insert plates, producing a beautiful mirror-like effect; size, 10x5½ inches; extends 3 inches..... **$3.40**



No. E8-9061—Electric Light Fixtures; one-light ceiling fixture in old ivory finish with chromium reflectors; length, 2½ inches; spread, 7½ inches..... **$2.40**



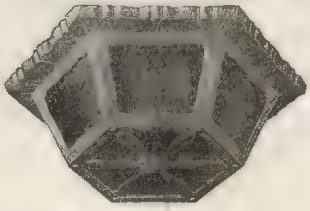
Each

No. E8-2261—Electric Light Fixtures; bronze finish ceiling holder, 6¼x5½ inches with 6-inch fitter; wired with keyless receptacle..... **$0.94**

No. E8-2241—Electric Light Fixtures; same as above, only 5½x4¾ inches, with 4-inch fitter..... **.80**

LANTERNS.

Bronze and Green Finish.



Each

No. E8-1507—Electric Light Fixtures; porch, close ceiling lantern; spread, 12 inches; depth, 4 inches; has seven panels in amber roughened glass; finish, bronze and green; wired with keyless socket..... **$6.46**

A bracket type lantern fixture, very well made of solid copper with finish of oxidized copper; size, 15½x6 inches and extends to 8 inches. The shade is of amber crackled glass.

Each

No. E8-1508—Electric Light Fixtures.....$8.40

A ceiling type lantern the same as the one shown above, except for ceiling use, also solid copper with oxidized copper finish. Size, 12½x6 inches.

Each

No. E8-1505—Electric Light Fixtures.....$8.40

ASSORTMENTS.

Per Assortment

No. C-RJ7—Pocket Knife Assortments; new Remington Pocket Knives, regular jacks and balloon shapes; assorted cocobola, stag and celluloid handles; has cap and bolsters; brass lined; assorted large spear and clip master blades, crocus polished; and punch; one dozen in a display box; weight per dozen, 2¼ lbs..... **$8.00**

69 CENT SPECIAL.

Per Assortment

No. C-RA6933—Pocket Knife Assortments; 2-blade medium size jacks, stag and celluloid handles; nickel and brass linings and bolsters; crocus polished master blades; one dozen in a display tray; weight per assortment, 2 lbs..... **$13.60**

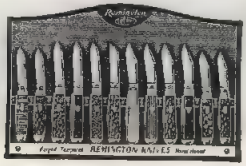
89 CENT SPECIAL.

Per Assortment

No. C-RA9033—Pocket Knife Assortments; 3-blade, small stock and cattle knives, assorted stag and celluloid handles; nickel silver and brass linings and bolsters; crocus polished master blades; one dozen in a display tray; weight per assortment, 2 lbs..... **$16.00**

Per Assortment

No. C-RJ3—Pocket Knife Assortments; contains 12 two-bladed Remington jack knives, four each 3⅛, 3¼ and 3⅜ inches long; handles, six stag and six Pyremite; blades, six spear and pen, six clip and pen, all mirror finished; brass lined; packed in display box with price card; weight per assortment, 1 lb. 10 ozs **$8.00**



Per Assortments

No. C-RJ9s—Pocket Knife Assortments; contains 24 Remington two bladed jack knives and a Remozine finish display plaque which permits twelve knives to be displayed with master blades open and has compartments in rear for reserved stock; 10 knives have pyremite handles, 6 have black handles, 10 have stag handles; brass lining; weight per assortment, 5¼ lbs..... **$24.00**

$0 85 retail.

Per Assortment

No. C-RJ3—Pocket Knife Assortments; contains 24 Remington two bladed jack knives and a Remozine finish display plaque which permits twelve knives to be displayed with master blades open and has compartments in rear for reserve stock; 14 knives have stag handles, 10 knives have Pyremite handles; N. S. lining; weight per assortment, 4 lbs. 11 ozs..... **$12.00**

$1.00 retail.

No. C-RJ5—Pocket Knife Assortments; all pen knives; 16 stag, 8 Pyremite handles; otherwise as No. C-RJ3; weight per assortment, 4 lbs **27.20**

$0.85 retail.

Per Assortment

No. C-RS8—Pocket Knife Assortments; contains 24 Remington medium size stock knives and a Remozine finish display plaque which permits twelve knives to be displayed with master blades open and has compartments in rear for reserve stock; 12 knives have stag handles, 12 have Pyremite handles; N. S. lining; weight per assortment, 5 lbs..... **$41.60**

$1.25, $1.35 retail.

No. C-RS2—Pocket Knife Assortments; 24 regular straight cattle knives with punch; 14 stags, 10 Pyremite handles; on display as shown above; weight per assortment, 5 lbs **40.00**

$1.25 retail

No. C-RS1—Pocket Knife Assortments; 24 assorted cattle and serpentine shape knives, with punch; 6 stag and 18 Pyremite handles; on display as shown above; weight per assortment, 5 lbs..... **40.00**

$1 25 retail.

WINCHESTER.

Per Assortment

No. C-W24—Pocket Knife Assortments; small jacks, 3⅛ inches; 2 full polished blades, spear and pen; brass lined; clean springs; nickel silver tips; assorted stag and celluloid handles; twelve in display box; weight per assortment, 1¼ lbs..... **$4.00**

Per Assortment

No. C-W25—Pocket Knife Assortments; three styles of jack knives, 3⅛ to 3⅜ inches; two full polished assorted spear and clip blades; brass lined; clean springs; stag and celluloid handles; twelve in display box; weight assortment, 1⅛ lbs..... **$4.80**

No. C-W26—Pocket Knife Assortments; medium 3⅜ inch; two full polished blades; otherwise same as No. C-W25..... 4.80

No. C-W27 Pocket Knife Assortments; medium jacks, 3¼ inch; two full polished blades; otherwise same as No. C-W25 .. . . . . 4.80

Per Assortment

No. C-W52—Pocket Knife Assortments; powder horn pattern; 4 inches; one long clip blade, full polished; brass lined; clean springs; nickel silver bolsters; stag and celluloid handles; twelve in a display tray; weight per assortment, 1⅞ lbs..... **$8.00**

Per Assortment

No. C-W50—Pocket Knife Assortments; medium size knives, 3¼ to 3⅜ inches; full polished two and three-blade knives; brass lined; nickel silver bolsters and tips; stag and celluloid handles; twelve in display tray; weight per assortment, 1⅝ lbs..... **$8.00**

No. C-W51 Pocket Knife Assortments; same as above, but has two 3-blade knives with punch..... 8.00

Per Assortment

No. C-W77—Pocket Knife Assortments; equal end cattle knives; 3⅝ inches; three full polished blades; six knives with clip, spey and pen and six with clip, sheepfoot and spey blades; brass lined; clean springs; nickel silver bolsters; stag and celluloid handles; twelve in a display tray; weight per assortment, 1⅞ lbs..... **$12.00**

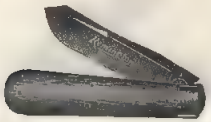
No. C-W78—Pocket Knife Assortments; all knives with clip, spey and punch blades; otherwise same as C-W77... 12.00

Per Assortment

No. C-W75—Pocket Knife Assortments; premium stock pattern; 4 inches; three full polished blades; six knives with clip, spey and pen and six with clip, sheepfoot and spey blade; brass lined; clean springs; nickel silver bolsters; stag and celluloid handles; twelve in display tray; weight per assortment 2lbs..... **$12.00**

No. C-W76—Pocket Knife Assortments; all knives with clip, spey and punch blades; otherwise same as C-W75.. 12.00

Remington.

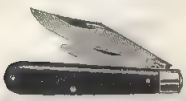


Per D[illegible]

No. RA1—Rosewood handle; length, 3⅜ inches; polished steel bolster; steel lined; spey blade, crocus polished and etched; weight per dozen, 1¼ lbs...$6.00

Per Dozen

No. R1399—Sanitary steel handle, imitation stag finish; polished steel bolster; length, 3¼ inches; one spey blade; weight per dozen, 1⅓ lbs..... $6.40



Per Dozen

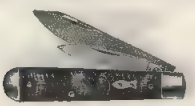
No. R1622—Black handle; length, 3 inches; steel bolster and lining; two blades, large clip and pen, blue glazed finish; weight per dozen, 1 lb.... $5.60

No. R1623—Fibre stag handle; otherwise same as No. R1622..... 5.60

Per Dozen

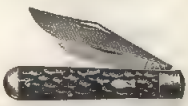
No. R1573—Stag handle; length, 3 inches; steel bolster and lining; spear and pen blades, blue glazed; weight per dozen, 1 lb..... $5.60

No. R1572—Black handle; otherwise same as No. R1573..... 5.60



Per Dozen

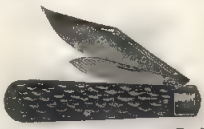
No. R1595—Blue pearl handle; length, 3 inches; nickel silver lining and bolsters; spear blade, crocus polished and etched, pen blade, blue glazed; weight per dozen, 1¾ lbs..... $6.40



Per Dozen

No. R1903—Stag handle; length, 3½ inches; nickel steel bolsters, cap and shield; brass lined; two blades, large clip and pen, blue glazed; weight per dozen, 1¾ lbs..... $6.40

No. R-1905—Coral Pyremite handle; otherwise same as No. R1903... 6.40



Per Dozen

No. R33S—Stag handle; length, 3½ inches; steel bolster; steel lined; clip and pen blades, blue glazed, clip blade etched; weight per dozen, 1¾ lbs...$6.40

No. R31S—Clip blade; otherwise same as No. R33S..... 6.40

Per Dozen

No. R35—Pyremite handle; length, 3½ inches; polished steel bolster; brass lined; mirror finished clip blade and pen; weight per dozen, 1¾ lbs.. $8.00

No. R33—Stag handle; otherwise same as No. R35..... 8.00

Per Dozen

No. R21S—Rosewood handle; length, 3½ inches; steel bolster, steel lined; spear and pen blades, blue glazed; spear blade, etched; weight per dozen, 1¾ lbs. $6.40

No. R21—Blades full mirror finished; steel bolster; brass lined; otherwise same as No. R21S..... 8.00

Half dozen in a box.

Per Dozen

No. R25—Pyromite handle; length, 3⅜ inches; polished steel bolsters; full mirror finished spear and pen blades; brass lined; weight per dozen... $8.00

No. R23—Stag handle; otherwise same as No. R25..... 8.00

Per Dozen

No. R-23CH—Stag handle; length, 3⅜ inches; steel bolster; brass lined; mirror finished spear and pen blades; nickel plated 18-inch chain and shackle; weight per dozen, 2¼ lbs..... $9.60

Per Dozen

No. R-2043—Stag handle; length, 3¼ inches; polished steel bolster; brass lined; mirror finished spear and pen blades; weight per dozen, 3¼ lbs...$8.00

No. R2045—Pyremite handle; otherwise same as No. R2043..... 8.00

Per Dozen

No. R-2055—Pyremite handle; length, 3¼ inches; steel bolster; brass lined; mirror finished clip and pen blades; weight per dozen, 1⅓ lbs..... $8.00

No. R-2053—Stag handle; otherwise same as No. R2055..... 8.00

Remington

Per Dozen

No. R2073—Stag handle; length, 3⅛ inches; polished steel bolster; brass lined; mirror finished clip and pen blades; weight per dozen, 17 ozs.. **$8.00**

No. R2075—Pyremite handle; otherwise same as No. R2073..... **8.00**

Per Dozen

No. R2065—Pyremite handle; length, 3⅛ inches; polished steel bolster; brass lined; mirror finished spear and pen blades; weight per dozen, 17 ozs.. **$8.00**

No. R2063—Stag handle; otherwise same as R2065..... **8.00**

Per Dozen

No. R2103—Stag handle; length, 3⅛ inches; nickel silver cap and bolsters; brass lined; mirror finished clip and pen blades; weight per dozen, 1 lb.. **$12.00**

No. R2105 -Pyremite handles; otherwise same as R2103..... **12.00**

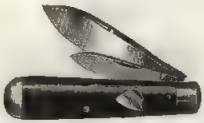
Per Dozen

No. R2095—Pyremite handle; length, 3⅛ inches; nickel silver cap and bolsters; brass lined; mirror finished spear and pen blades; weight per dozen, 1 lb..... **$12.00**

No. R2093—Stag handle; otherwise same as R2095..... **12.00**

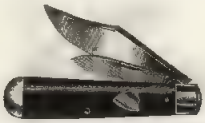
Per Dozen

No. R995—Abalone pearl handle; length, 3¼ inches; nickel silver bolsters and shield; brass lined; two blades, large spear andpen orocus polished; weight per dozen, 1½ lbs..... **$12.00**



Per Dozen

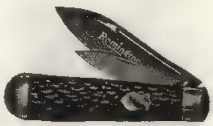
No. R1063—Stag handle; length, 3¾ ins; steel bolster; brass lined; spear blade, crocus polished and etched; pen blade, blue glazed; weight per dozen, 1⅞lbs..... **$12.00**



Per Dozen

No. R1071—Rosewood handle; length, 3⅜ inches; steel bolster; brass lined; clip blade, crocus polished and etched; pen blade, blue glazed; weight per dozen, 1⅛ lbs..... **$12.00**

No. R1072—Black handle; otherwise same as No. R1071..... **12.00**



Per Dozen

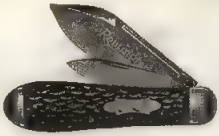
No. R163—Stag handle; length, 3½ inches; nickel silver bolsters; large spear blade, crocus polished, pen, blue glazed; weight per dozen, 2⅛ lbs..... **$16.00**

Per Dozen

No. R1783—Stag handle; length, 3 1/16 inches; nickel silver bolsters and cap; brass lined; two blades, one large clip, crocus polished and etched, one pen blue glazed; weight per dozen, 2¼ lbs. **$16.00**

No. R1785—Carnelian celluloid Pyremite handles; large clip blade; otherwise same as No. R1783..... **16.00**

Half dozen in a box.



Per Dozen

No. R1753—Stag handle; length, 3½ inches; nickel silver bolster, cap and shield; brass lined; clip blade, crocus polished and etched; pen blade, blue glazed; weight per doz , 2¼ lbs.. **$16.00**

Per Dozen

No. R1775—Pyremite handle; length, 3½ inches; nickel silver bolsters; brass lined; large spear blade, crocus polished, pen blade, blue glazed; weight per dozen, 2¼ lbs..... **$16.00**

Per Dozen

No. R555—Carnelian Pyremite handle; length, 3¼ inches; nickel silver bolsters, shield and lining; two blades, large spear and pen, blue glazed; weight per dozen, 1¾ lbs..... **$12.00**

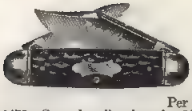
Per Dozen

No. R575—Blue and bronze Pyremite handles; length, 3¼ inches; nickel silver bolsters, shield and lining; two blades, large clip and pen, blue glazed; weight per dozen, 1¾ lbs..... **$12.00**

Per Dozen

No. R3445—Buffalo horn Pyremite handle; length, 3¼ inches; nickel silver bolsters; nickel silver lined; spear blade, crocus polished and etched; pen blade, blue glazed; weight per dozen, 1½ lbs..... **$16.00**

Remington



Per Dozen

No. R4473—Stag handle; length, 3¼ inches; nickel silver bolsters and lining; clip blade; weight per dozen, 1½ lbs..... **$16.00**

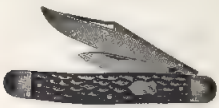
Per Dozen

No. R1863—Stag handle; length, 3⅝ inches; nickel silver bolsters, shield and lining; spear blade, crocus polished and etched; pen blade, blue glazed: weight per doz., 1½ lbs..... **$16.00**

Per Dozen

No. R603—Stag handle; length, 3⅝ inches; nickel silver cap and bolsters; brass lined; two blades, one clip, crocus polished and etched, pen blade, blue glazed; weight per dozen, 1½ lbs..... **$16.00**

No. R605—Golden pearl Pyremite handle; otherwise same as No. R603. **16.00**



Per Dozen

No. R1823—Stag handle; length, 3⅝ inches; nickel silver cap, bolsters, shield and lining; two blades, large clip crocus polished and etched, pen blue glazed; weight per dozen, 1½ lbs..... **$16.00**

Per Dozen

No. R672—Black handle; length, 3 inches; nickel silver cap, bolsters and lining; spear blade, etched; crocus polished spear and blue glazed pen blades; weight per dozen, 1 lb.. ..... **bdz $12.00**

No. R675—Gold Pearl Pyremite handle; otherwise same as No. R672.. **$13.60**

Per Dozen

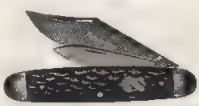
No. R1325—Green Pyremite handle; length, 3 inches; nickel silver bolster, cap, shield, rivets and lining; two blades, one large clip, crocus polished etched, and one pen, blue glazed; weight per dozen, 1⅛ lbs..... **$13.60**

Per Dozen

No. R873—Stag handle; length, 3½ inches; nickel silver cap, bolsters and lining; spear blade, crocus polished and etched; pen blade, blue glazed; weight per dozen, 1 lb..... **$13.60**

Per Dozen

No. R1855—Green pearl Pyremite handle; length, 3⅜ inches; nickel silver bolster, shield and lining; large clip blade, crocus polished and etched; pen blade, glue glazed; weight per dozen, 1½ lbs..... **$16.00**



Per Dozen

No. R1853—Stag handle; length, 3⅜ inches; nickel silver bolsters, shield and lining; clip blade, crocus polished and etched, pen blade, blue glazed; weight per doz. 1 lb..... **$16.00**

Per Dozen

No. R110—Stag handle; length, 3¾ inches; nickel bolsters and shackle; brass lined; punch blades, screw driver-cap lifter and can opener, spear blade crocus polished and etched, punch blade blued and polished, other blades blue glazed: weight per dozen, 2¾ lbs. **$16.00**

Half dozen in a box.

OFFICIAL BOY SCOUT.

Per Dozen

No. RS3333—Scout Knife; stag handle; has official scout shield; length, 3⅝ inches; nickel silver bolsters and shackle; milled brass lining; spear and punch blades, screw driver, cap lifter and can opener; spear blade, crocus polished and etched; punch blade, blued and polished; other blades, blue glazed; weight per dozen, 2¾ lbs..**$25.00**

Per Dozen

No. RS4773—Scout knife; stag handle with emblem shield; length, 3⅝ inches; one piece nickel silver bolsters and linings; large spear, crocus polished and etched with scout insignia; combination bottle opener and screw driver, can opener, both blue glazed; weight per dozen, 1½ lbs.....**$16.00**

Per Dozen

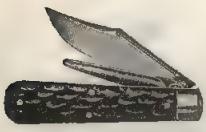
No. RS4783—Scout knife; stag handle; length, 3½ inches; three blades, 1 large spear, crocus polished and etched with Scout insignia, 1 combination bottle opener and screw driver, 1 can opener, both blue glazed; nickel silver lining, bolsters and emblem shield; snap-on nickel plated shackle; weight per dozen, 2¾ lbs..... **$20.00**

Remington.

OFFICIAL GIRL SCOUT.

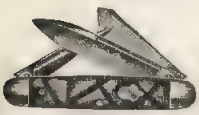
Per Dozen

No. RS4373—Girl Scout Knife; large spear, crocus polished and etched with Girl Scout insignia; combination bottle opener and screw driver, can opener, both blue glazed; punch, blued inside, polished back; nickel silver bolsters, lining, shackle and emblem shield; length closed, 3⅝ inches; weight per dozen, 2 lbs..... $24.00



Per Dozen

No. R1803—Stag handle; length, 3⅝ inches; steel bolster; brass lined; clip and punch blades, clip blade, blue glazed; punch blade, blued and polished; weight per doz., 1¼ lbs..... $6.00

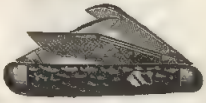


Per Dozen

No. R4425—Green Pyremite handles; length, 3⅝ inches; nickel silver bolsters and shield; brass lined; three blades, one large spear, crocus polished and etched; one spey, blue glazed; one punch, blued and polished; weight per dozen, 1½ lbs... $20.00

No. R4423—Stag handle; otherwise same as No. R4425A..... 20.00

No. R410—White grained celluloid handles; four blades, large spear, spey, clip and punch; otherwise same as No. R4425..... 24.00



Per Dozen

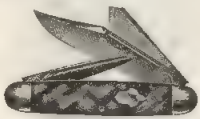
No. R100A—Stag Handle; length, 3¼ inches; nickel silver bolsters and linings; solid back; clip, sheepfoot and pen blades, all full mirror finished; weight per dozen, 1¼ lbs.... $20.00

No. R-105A—Iris Pyremite handle; otherwise as No. R100A. 20.00

Per Dozen

No. R105B—Pyremite handle; length, 3¼ inches; nickel silver bolsters and lining; solid back; clip and spey blades, both full mirror finished; punch blade, blue inside, polished back; weight per dozen, 1¾ lbs..... $20.00

No. R100B—Stag handle; otherwise same as No. R105B 20.00

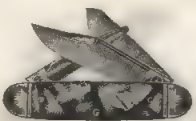


Per Dozen

No. R3415—Blue Tinsel Pyremite handles, otherwise same as No. R3413 idzd $20.00

No. R3415W—Grained celluloid handle; otherwise same as No. R3413 20.00

No. R3415R—Red celluloid handle; otherwise same as No. R3413. 20.00

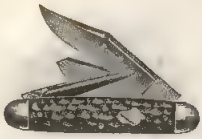


Per Dozen

No. R4685—Grey horn handle; length, 3¼ inches; nickel silver shield fancy bolsters and lining; clip blade crocus polished and etched; spey blade, blue glazed; punch, blued and polished; weight per dozen, 1¾ lbs..... $20.00

No. R4683—Stag handle; otherwise same as No. R4685A..... 20.00

Half dozen in a box.

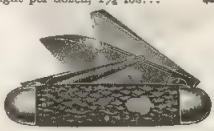


Per Dozen

No. R3413—Stag handle; length, 3¼ inches; nickel silver bolsters and lining, milled; clip blade, crocus polished and etched; spey blade, blue glazed; punch blade, blued and polished; weight per dozen, 1½ lbs. $20.00

Per Dozen

No. R4603—Stag handle; length, 3¼ inches; nickel silver shield, bolsters and lining; three blades, one spear, crocus polished and etched; one spey, blue glazed; one punch, blued and polished; weight per dozen, 1¾ lbs... $20.00



Per Dozen

No. R3153—Stag handle; length, 3½ inches; nickel silver cap and bolsters; brass lined; three blades, one large spear, crocus polished and etched, one spey, blue glazed, one punch, blued and polished; wgt. per doz., 2⅝ lbs. $20.00

Per Dozen

No. R3183—Stag handle; length, 3½ inches; nickel silver bolsters; brass lined; clip blade, crocus polished and etched; spey blade, blue glazed; punch blade, blued and polished; weight per dozen, 2⅝ lbs..... $20.00

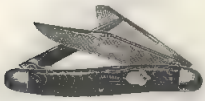
Per Dozen

No. R3185—Pyremite handle; otherwise same as No. R3183 ..... $20.00

Remington.

Per Dozen

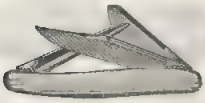
No. R3513—Stag handle; length, 3⅝ inches; nickel silver bolsters and lining; clip, spey and punch blades, clip blade, crocus polished and etched; spey blade, blue glazed; punch blade, blued and polished; weight per dozen, 1½ lbs..... **$20.00**



Per Dozen

No. R3515H—Horn celluloid handle; length, 3½ inches; nickel silver cap and bolsters; brass lined; three blades, one large spear, crocus polished and etched, one spey, blue glazed, one punch, blued and polished; weight per dozen, 1½ lbs..... **$20.00**

No. R3515—Blue tinsel celluloid handle; otherwise as above..... **20.00**



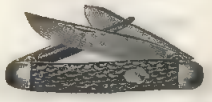
Per Dozen

No. R4679—Nickel silver handle; length 3¾ inches; three blades; large clip, crocus polished and etched; spey, blue glazed, punch, blued and polished; weight per dozen, 1½ lbs... **$20.00**

Per Dozen

No. R3965R—Red Pyremite handle; length, 3⅝ inches; nickel silver bolsters and lining; clip blade, crocus polished and etched; spey blade, blue glazed; punch blade, blued and polished; weight per doz., 1¾ lbs. **$20.00**

No. R3963—Stag handles; otherwise same as No. R3965R..... **20.00**



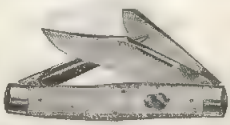
Per Dozen

No. R4023—Stag handle; length, 3⅝ inches; nickel silver bolsters, shield and lining; three blades, large Turkish clip, crocus polished and etched; spey, blue glazed and punch, blued inside and polished back; weight per dozen, 1¾ lbs..... **$21.60**

Per Dozen

No. R7823—Stag handle; length, 3⅝ inches; nickel silver bolster, shield and lining; three blades, one large clip, crocus polished and etched, one spey, blue glazed, one punch, blued inside and polished back; weight per dozen, 1⅞ lbs..... **$17.60**

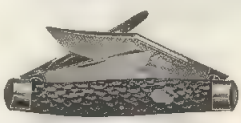
No. R7825—Brown Pyremite handles; otherwise same as No. R7823..... **17.60**



Per Dozen

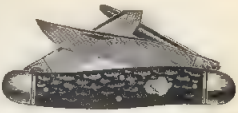
No. R3565W—White Pyremite handle; length, 3⅝ inches; polished steel bolsters and rivets; brass lined and milled center scale; nickel silver shield; reinforcement on punch side; one large clip, blue glazed and etched; one spey, blue glazed; one punch, blued and polished; weight per dozen, 2½ lbs..... **$21.60**

No. R3563—Stag handle; otherwise same as R3565W..... **21.60**



Per Dozen

No. R3073—Stag handle; length, 3⅞ inches; nickel silver bolsters; milled brass lining; clip blade, crocus polished and etched; spey blade, blue glazed; punch blade, blued and polished; weight per dozen. 2½ lbs .. **$20.00**



Per Dozen

No. R4093—Stag handle; length, 3⅞ inches; diagonal nickel silver bolsters; milled nickel silver lining; Turkish clip blade, crocus polished and etched; spey blade, blue glazed; punch blade, blued and polished; weight per dozen, 2¼ lbs..... **$24.00**

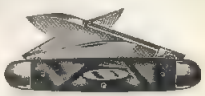
No. R4095—Abalone pearl Pyremite handle; otherwise as No. R4093. **20.00**

Per Dozen

No. R4135—Red Pyremite handle; length length, 3⅝ inches; nickel silver bolsters; milled nickel silver lining; clip blade, cocurs polished and etched; spey blade, blue glazed; weight per dozen, 1½ lbs..... **$20.00**

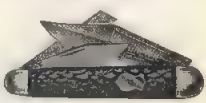
Per Dozen

No. R7495—Pyremite handle; length, 3⅝ inches; nickel silver bolsters and lining; mirror finished clip, pen and coping blades; weight per dozen, 1⅞ lbs..**$24.00**



Per Dozen

No. R4625—Blue Tinsel Pyremite handle; length, 3⅞ inches; diagonal nickel silver bolsters and lining milled; spear blade, crocus polished and etched; pen blades, blue glazed; weight per dozen, 1½ lbs..... **$16.00**



Per Dozen

No. R6393—Stag handle; length, 3⅝ inches; nickel silver bolsters; milled brass lining; sabre clip blade, crocus polished and etched; small clip and cut-off pen blades, blue glazed; weight per dozen, 1⅝ lbs..... **$21.60**

Half dozen in a box.

POCKET KNIVES.

Remington.

Per Dozen

No. R7055—Golden Pearl Pyremite; handle; length, 2 7/8 inches; nickel silver lining; large spear and small pen blades, full polished; weight per dozen, ½ lb..... **$8.00**

Per Dozen

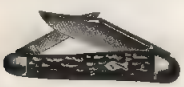
No. R7853—Stag handle; steel bolsters and lining; spear blade, without etching; weight per dozen, 12 ozs... **$10.40**

Per Dozen

No. R6483—Stag handle; length, 3 inches; nickel silver tips and lining; spear blade, crocus polished and etched; weight per dozen, 11 ounces **$13.60**

Per Dozen

No. R6465—Pyremite handle; length, 3 inches; large spear blade, crocus polished and etched; pen blade, blue glazed; nickel silver bolsters and lining; weight per dozen, ¾ lb... **$13.60**



Per Dozen

No. R7643—Stag handle; length, 3 1/8 inches; nickel silver bolsters, shield, rivets and lining; lining and bolsters made in one piece; two blades, one large clip, crocus polished and etched; one pen, blue glazed; wgt. doz., ¾ lb **$13.60**

Per Dozen

No. R6625—Blue bronze Pyremite handle; length, 3 1/8 inches; nickel silver bolsters and lining; spear blade, crocus polished and etched; pen blade, blue glazed; weight per dozen, 16 ounces. **$16.00**

Per Dozen

No. R7425—Pyremite handle; length, 3 1/8 inches; nickel silver bolsters and lining; large clip blade, full polished and etched; pen blade; weight per dozen, 11 ozs.....**sdz $16.00**

No. R7423—Stag handle; otherwise same as No. R7425..... **16.00**

Per Dozen

No. R6785—Office knife; white ivory Pyremite handle; length, 3 5/8 inches; brass lined; spear blade, crocus polished; eraser blade, blue glazed; weight per dozen, 16 ounces..... **$16.00**

Per Dozen

No. R6904—Pearl handle; length, 2 1/2 inches; nickel silver tips, shackle, rivets and lining; two blades, one large spear, one pen, both full crocus polished; weight per dozen, 7 ozs.....**$20.00**

Per Dozen

No. R7854—Pearl handle; length, 3 ins.; nickel silver bolsters and lining; spear blade, crocus polished and etched, pen blade, blue glazed; wgt. doz, 12 ozs..**$20.00**

Per Dozen

No. R6484—Pearl handle; length, 3 inches; nickel silver bolsters and lining; spear blade, crocus polished and etched; pen blade, blue glazed; weight per dozen, 11 ozs..... **$27.00**

Half dozen in a box.

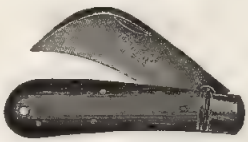
Per Dozen

No. R7985W—White Pyremite handle; length, 3 1/16 inches; nickel silver bolsters and lining; large spear blade, crocus polished and etched; bottle opener, blue glazed; weight per dozen, 1½ lbs..... **$13.60**

PRUNING KNIVES.

Per Dozen

No. R708—Cocobola handle; one blade, large pruning, blue glazed and etched; polished steel rat tail bolster; polished steel rivets and lining; length closed, 3 5/16 inches; weight per dozen, 2¼ lbs..... **$16.00**



Per Dozen

No. R698—Cocobola handle; length, 4 inches; large pruning blade, blue glazed and etched; fancy rat tail polished steel bolster; polished steel lined; hole in butt end of handle for leather thong; weight per dozen, 2½ lbs..... **$18.00**

RADIO OR ELECTRICIAN'S KNIFE.

Per Dozen

No. R1973 Stag handle; two blades, one large sheepfoot, crocus polished and etched, one screw driver and wire scraper with lock, blue glazed; nickel silver bolsters; brass lining; length closed, 3¾ inches; weight per dozen, 2 lbs..... **$24.00**

WHAT COULD BE MORE APPROPRIATE

YOU PAY FOR STEEL CEILINGS ONLY ONCE.

SUITABLE FOR STORES, CHURCHES, THEATRES, LODGE ROOMS AND PUBLIC BUILDINGS.

GENERAL INFORMATION.

With every ceiling we furnish a blue print or working drawing showing the exact size and arrangement of each member of the combination ceiling design, also a packing slip containing an itemized list of the material shipped. This should be checked with the material immediately and if any shortage exists we will, upon being notified, make corrections providing such notice is given us before you start to erect the ceiling.

Study the plan carefully, verify the measurements and as this plan is made strictly in accordance with the measurements and information furnished us, and ample allowance is made for cutting laps and waste, any additional materials required on account of incorrect information or measurements, or changes in measurements, will be charged for extra.

Furring strips must be used when applying metal ceiling or sidewall direct to joists or over plaster. When applying over sheathing, furring strips are not necessary.

When applying the furring strips from both ends of the room, strike a chalk line to be used as your "starting line" from which to work. When furring for continuous plates the first strip is placed on the "starting line" and at right angles with the joists, placing the additional strips parallel and 12 inches apart, or in case of the plaster being loose, it is best to strip every 6 inches, then the cross-furring or headers at the laps of the plates, which would be every 48 inches or 96 inches, as the case may be. It is essential that the furring strips be applied exactly to the center of the nailing points on every plate, as indicated on the plan.

It is not always necessary to have special furring for the cornice, but the wall line should be straight and furring applied to the ceiling and wall to which the brackets for the cornice are nailed. Brackets to fit the cornice are furnished, one for every 4-foot section and two for each miter.

Work should be commenced in the rear and brought forward, when possible.

Stripping should be leveled and with this done the field plates should be applied first, referring to the plan for the starting point. The plate to be applied first is marked "Starter" and the plan shows the distance it is from the line of the cornice. The border or moulding should be next applied, taking care to leave the outer edge of the mould unnailed. The filler is next applied, lapping one edge under the moulding, which outer edge is then nailed. The cornice is then put up, lapping over the outer edge of the filler, thus completing the ceiling.

We furnish square inside and outside miters for nearly all our cornices. For those for which we make no miters we send sufficient material for the erector to make plain miters.

Our ceilings are primed one coat of light gray paint on both sides

We include wood brackets for cornice and cone head nails for erection

Wood furring strips are never provided unless ordered special and then they are charged for extra.

Practically the same instructions apply for furring sidewalls. In cases where wainscot is used, the wainscot is applied first and then the wall plate, working from the bottom up to the edge of the cornice.

No allowance is made for skylight openings of less than 100 square feet and no allowance for stairways or other openings of less than 50 square feet.

In reporting measurements for plans be sure to give the total length and width of the room, also the exact size and location of any openings or offsets, such as skylights, stairways, elevator shafts, chimneys, etc., and state whether cornice can be used entirely around room.

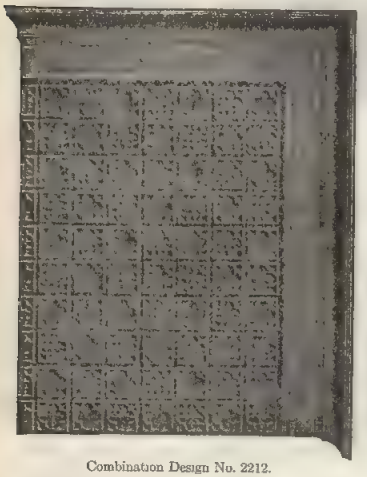
Ceilings cannot be arranged to accommodate lighting fixtures, but all such drops must be placed so as to conform with the drawing and arrangement of the ceiling.

HOW TO FIGURE AREA OF CEILING TO ESTIMATE COST

To the length and width of the room add the depth of cornice dropping on each wall and multiply the totals together, the result will be the number of square feet to be covered. For example, for a room 20'x60' with cornice dropping 12" on each wall you would figure:

Width	20'	Length	60'
Plus 12" drop cornice on both sides	2'	Plus 12" drop cornice on both ends	2'
	22'		62'

22'x62' equals 13.64 square feet.



Combination Design No. 2212.

Size field plate squares, 12x12 inches; width filler, 12, 15, 18, 21, 24 and 30 inches; width moulding, 3½ inches; depth cornice, 9½ inches; projection, 9 inches.

Wood furring strips are necessary only when plates are to be applied over plaster or open joists. Where strips are ordered, we furnish them of standard size, ⅛x1¼ inch. Extra charge for strips.

Per Square

No. 2105—Steel Ceiling; combination design composed of cornice No. 2060, combined border and filler No. 2050, plate No. 2005, and cornice miters No. 2060..... **$10.30**

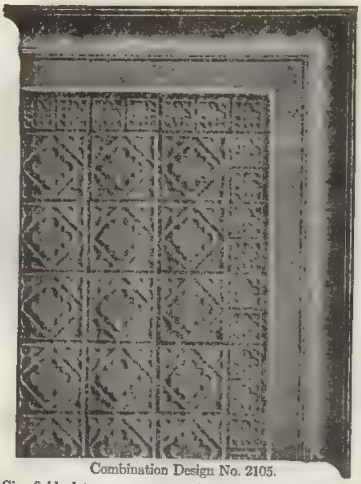
No. 2212—Steel Ceiling; combination design composed of cornice No. 2062, filler No. 5059, mould No. 2043, field plate No. 2012 and cornice miters No. 2062..... **10.75**

No. 5120—Steel Ceiling; combination design composed of cornice No. 3064, field plate No. 3020 and cornice miters No. 3064..... **9.65**

Prices cover wood brackets for cornice, erecting instructions and blue prints.

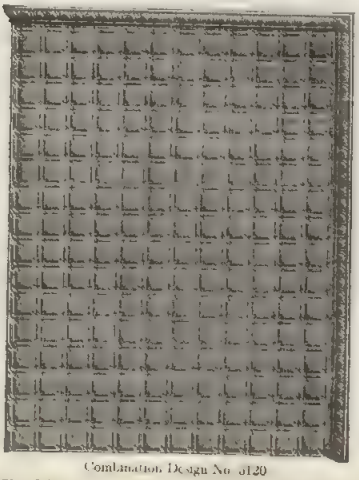
Steel ceilings weigh approximately 70 pounds per square and are shipped under fourth class freight rate

See Page 526 for Special Ceiling Nails.



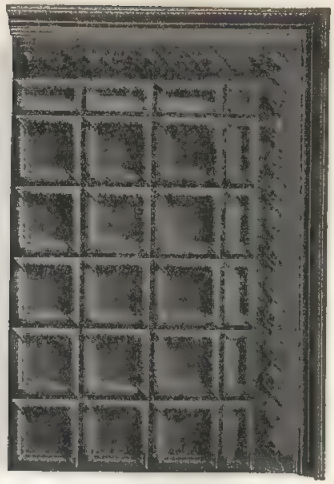
Combination Design No. 2105.

Size field plate squares, 24x24 inches; width combined border and filler, 15, 21 and 24 inches; width of border plate and mould, 16 inches; cornice depth, 13¾ inches; projection, 12 inches.



Combination Design No. 5120

Size field plate squares, 4x4 inches; depth cornice miter, 4 inches, projection, 4 inches.

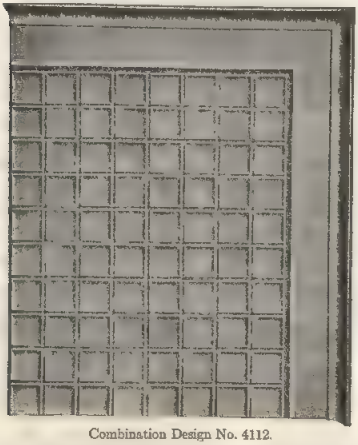


Combination Design No. 3101.

Size field plate squares, 24x24 inches, width filler, 12, 15, 18, 21 and 24 inches; size of border plate, 12x24 inches; depth cornice, 9 inches; projection, 7 inches.

Combination Design No. 4104.

Size field plate squares, 24x24 inches; width filler, 12, 15, 18, 21, 24 and 30 inches; width of moulding, 3 inches; depth cornice, 9½ inches; projection, 9 inches.



Combination Design No. 4112.

Size field plate squares, 12x12 inches; width filler, 12, 15, 18, 21, 24 and 30 inches; width moulding, 3 inches; depth cornice, 6 inches; projection, 6 inches.

Wood furring strips are necessary only when plates are to be applied over plaster or open joists. Where strips are ordered, we furnish them of standard size, ⅞x1¼ inch. Extra charge for strips.

Per Square

No. 3101—Steel Ceiling; combination design composed of cornice No. 3061, filler No. 3057, border plate No. 3007, field plate No. 3001, and cornice miters No. 3061.....**$10.50**

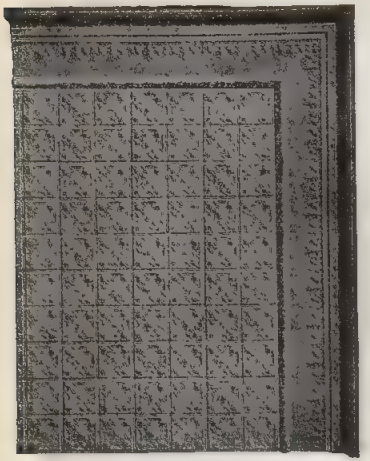
No. 4104—Steel Ceiling; combination design composed of cornice No. 4062, filler No. 5059, mould No. 4043, field plate No. 4004, and cornice miters No. 4062..... **10.35**

No. 4112—Steel Ceiling; combination design composed of cornice No. 3066, filler No. 5059, mould No. 4043, field plate No. 4012, and cornice miters No. 3066..... **11.25**

Prices cover wood brackets for cornice, erecting instructions and blue prints.

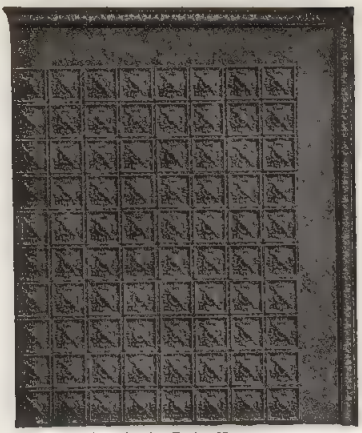
Steel ceilings weigh approximately 70 pounds per square and are shipped under fourth class freight rate.

See page 526 for Special Ceiling Nails.



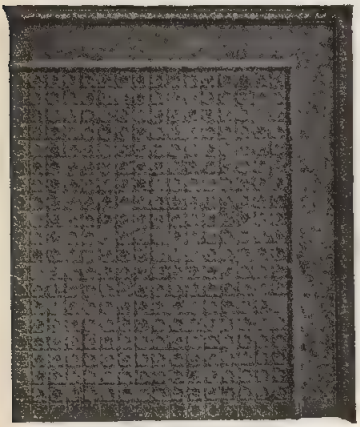
Combination Design No. 5113.

Size field plate squares, 12x12 inches; width filler, 12, 15, 18, 21 and 24 inches; width moulding, 4 inches; depth cornice, 8½ inches; projection, 4 inches.



Combination Design No. 5114.

Size field plate squares, 12x12 inches, width filler, 12, 15, 18, 21, 24 and 30 inches; depth cornice, 5 inches; projection, 5 inches.



Combination Design No. 5116.

Size field plate squares, 6x6 inches; width filler, 12, 15, 18, 21, 24 and 30 inches; width moulding, 4 inches; depth cornice, 5 inches; projection, 4 inches.

Wood furring strips are necessary only when plates are to be applied over plaster or open joists. Where strips are ordered, we furnish them of standard size, ⅛x1¼ inch. Extra charge for strips.

Per Square

No. 5113—Steel Ceiling; combination design composed of cornice No. 5068, filler No. 5056, mould No. 5044, field plate No. 5013 and cornice miters No. 5068..... **$10.25**

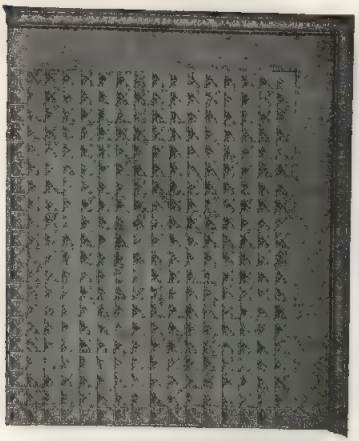
No. 5114—Steel Ceiling; combination design composed of cornice No. 5066, filler No. 5059, field plate No. 5014 and cornice miters No. 5066 ..... **10.10**

No. 5116—Steel Ceiling; combination design composed of cornice No. 5066, filler No. 5059, mould No. 5044, field plate 5016 and cornice miters No. 5066..... **10.30**

Prices cover wood brackets for cornice, erecting instructions and blue prints.

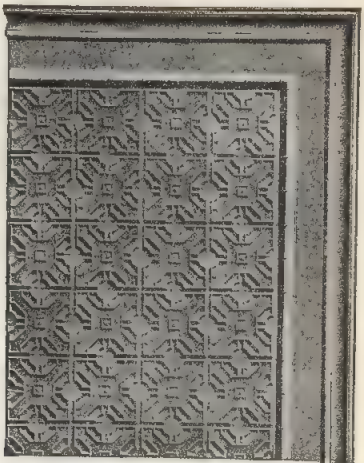
Steel ceilings weigh approximately 70 pounds per square and are shipped under fourth class freight rate.

See Page 526 for Special Ceiling Nails.



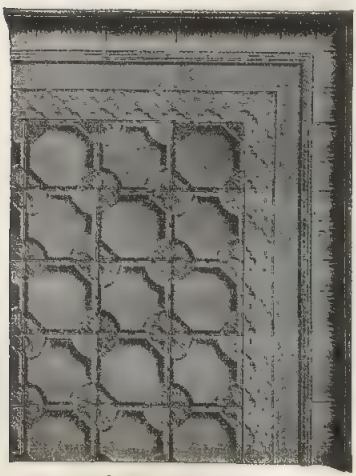
Combination Design No. 5117.

Size field plate squares, 6x6 inches; width filler, 12, 15, 18, 21, 24 and 30 inches; depth cornice, 5 inches; projection, 4 inches.



Combination Design No. 8102.

Size field plate squares, 24x24 inches; width filler, 12, 15, 18, 21, 24 and 30 inches; width moulding, 6 inches; depth cornice, 9 inches; projection, 9 inches.



Combination Design No. 5207.

Size field plate squares, 24x24 inches; width filler, 15, 18, 21 and 24 inches; depth cornice, 13½ inches; projection, 12 inches.

Wood furring strips are necessary only when plates are to be applied over plaster or open joists. Where strips are ordered, we furnish them of standard size, ⅞x1¾ inch. Extra charge for strips.

Per Square

No. 5117—Steel Ceiling; combination design composed of cornice No. 5066, filler No. 5059, field plate No. 5017, and cornice miters No. 5066 ..... **$10.30**

No. 8102—Steel Ceiling; combination design composed of cornice No. 7062, filler No. 5059, mould No. 7046, field plate No. 8002, and cornice miters No. 7062..... **11.20**

No. 5207—Steel Ceiling; combination design composed of cornice No. 5060, border and filler No. 5050, field plates Nos. 5007 and 5004, cornice miters No. 5060..... **10.75**

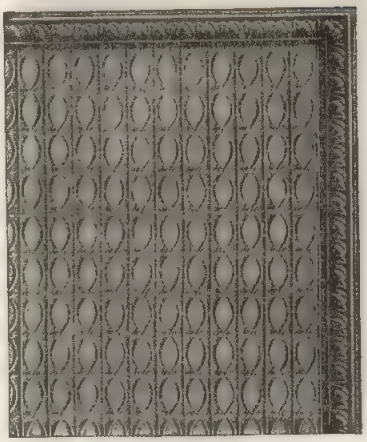
Prices cover wood brackets for cornice, erecting instructions and blue prints.

Steel ceilings weigh approximately 70 pounds per square and are shipped under fourth class freight rate.

See Page 526 for Special Ceiling Nails.

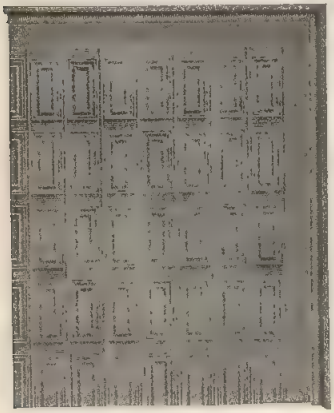
Combination Design No. 7101.

Size field plate squares, 24x24 inches; width filler, 12, 15, 18, 21, 24 and 30 inches; width moulding, 6 inches; depth cornice, 13½ inches; projection, 12 inches.



Combination Design No. 6101.

Size field plate, 24x96 inches; depth cornice, 4 inches; projection, 4 inches.



Combination Design No. 6202.

Size field plate, 24x96 inches; cornice depth, 5½ inches; projection, 2½ inches; filler widths, up to 21 inches.

Wood furring strips are necessary only when plates are to be applied over plaster or open joists. Where strips are ordered we furnish them of standard size, ⅞x1¼ inch. Extra charge for strips.

	Per Square
No. 7101—Steel Ceiling; combination design composed of cornice No 7060, filler No. 5059, mould No. 7046, field plate No. 7001 and cornice miters No. 7060	**$11.00**
No. 6101—Steel Ceiling; combination design composed of cornice No. 3064, field plate No. 6100 and cornice miters No. 3064	**8.60**
No. 6202—Steel Ceiling; combination design composed of cornice and filler No. 3065A and field plate No. 6200	**9.35**

Prices cover wood brackets for cornice, erecting instructions and blue prints.

Steel ceilings weight approximately 60 pounds per square, and are shipped under fourth class freight rate.

See Page 526 for Special Ceiling Nails.

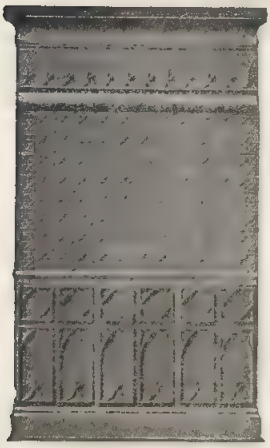
Wood furring strips are necessary only when plates are to be applied over plaster or open joists. Where strips are ordered, we furnish them of standard size, ⅞x1¼ inch. Extra charge for strips.

Per Square

No. 2216—Steel Ceiling; combination design composed of cornice No. 2068, depth 8¼ inches, projection 4 inches; filler No. 5059; field plate No. 2016, and cornice miters. . **$9.65**

See Page 526 for Special Ceiling Nails.

SIDE WALL COMBINATIONS.



Per Square

No. 2116—Steel Side Wall Combinations; as illustrated; size of wall plate, 24x28 inches; chair rail, 4½ inches; wainscot, 24x36 inches; width of filler, 12, 15, 18, 21 and 24 inches; width of moulding, 6 inches; depth cornice, 9½ inches; projection, 9 inches. . .

Price on Application

Per Square

No. 2120—Steel Side Wall Combinations; as illustrated; size of wall plate, 24x96 inches; width chair rail, 4½ inches; wainscot, 24x36 inches; cornice depth, 9½ inches; projection, 9 inches. . . .

Price on Application

Per Square

No. 2290—Steel Side Wall Combinations; as illustrated; in three parts, top, center and bottom; size wall plates, 24x24 inches; width chair rail, 4½ inches; wainscot, 24x36 inches; cornice depth, 12-½ inches; projection, 12 inches. . . . . .

Price on Application

CEILING AND WALL.

Per Sheet

No. B2-5020—Ceiling and Wall Plates; size, 24x96 inches; 16 square feet to a sheet. $1.25

Per Sheet

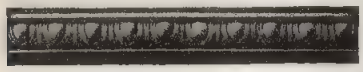
No. B2-6100—Ceiling and Wall Plates; size, 24x96 inches; 16 square feet to a sheet..... $1.20

Approx. weight per square, 70 lbs

In lots of 25 squares, id cts. less than regular.
If competition is severe and prices must be met, use No. 6100.

CORNICE.

One wood bracket with each 4 feet of cornice, and 2 wood brackets with each miter.



Per 100 Lineal Feet

No. B2-3064—Cornice; projection, 4 inches; depth, 4 inches; length, 48 inches..... $7.00

Each

No. B2-3064M—Inside Miters; for above..... $0.25

No. B2-3064MO—Outside Miters; for above..... .25

MOULDING.

Per 100 Lineal Feet

No. B2-4043—Moulding; width, 3 inches; length, 48 inches.. $5.00

CEILING NAILS.

Made especially for ceiling work.

Per Pound

No. B2-CN—Ceiling Nails; cone head, 1 in.; 14 gauge; diamond point; ½ lb. nails required per square.....$0.20

NAILS REQUIRED FOR ROOFING.

For 2 and 2½ inch Corrugated Roofing, we recommend 1¾ inch, and for 1¼ inch Corrugated Roofing 1½ inch Galvanized Barbed Roofing Nails—1 pound per square. If Lead Washers are used, ⅔ pound per square. Nail only tight enough to press snugly on sheet without denting the corrugations.

TABLE OF CORRUGATED STEEL.

Square Feet in a Sheet 26 Inches Wide.

Sheets	6-Ft.	7-Ft.	8-Ft.	9-Ft	10-Ft.	11-Ft.	12-Ft.
1	13	15	17	20	22	24	26
2	26	31	35	39	44	48	52
3	39	46	52	59	65	72	78
4	52	61	70	78	87	96	104
5	65	76	87	98	109	120	130
6	78	91	104	117	130	143	156
7	91	107	122	137	152	167	182
8	104	122	139	156	174	191	208
9	117	137	156	176	195	215	234
10	130	152	174	195	217	239	260

Number of square feet required to cover one square, based on 8 foot sheets.

Estimate for 2½ inch corrugation.

END LAP.	1 inch	2 inches.	3 inches.	4 inches.	5 inches.	6 inches.
Side Lap 1 Cor.	110 sq. ft	111 sq. ft.	112 sq. ft.	113 sq. ft.	114 sq. ft.	115 sq. ft.
Side Lap 1½ Cor	116 "	117 "	118 "	119 "	120 "	121 "
Side Lap 2 Cor	123 "	124 "	125 "	126 "	127 "	128 "

Estimate for 1¼ inch corrugation.

END LAP	1 inch.	2 inches.	3 inches.
Side Lap 1 Corrugation	107⅛ sq. ft.	108⅜ sq. ft.	109⅞ sq. ft.
" 1¼ "	110⅛ "	111⅜ "	112⅞ "
" 2 "	113⅛ "	114⅜ "	115⅞ "

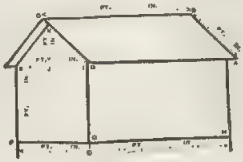
END LAP	4 inches.	5 inches.	6 inches.
Side Lap 1 Corrugation	110⅛ sq. ft.	112½ "	113¼ sq. ft.
" 1¼ "	113⅛ "	115⅝ "	116⅛ "
" 2 "	117 "	118⅝ "	119⅛ "

ROCK AND BRICK FACE SIDING.

Number of square feet, sheets 28x60 inches, plain brick, rock face brick and rock face stone siding.

No. Sheets	Sq. Ft.	No. Sheets	Sq. Ft.
1	12	6	70
2	24	7	82
3	35	8	94
4	47	9	105
5	59	10	117

HOW TO MEASURE.



Gable roofed building.

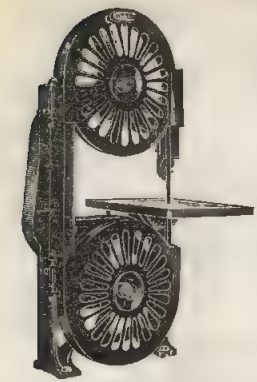
Shed Roofed Building.

In asking estimates or ordering material, make sketch and give measurement at all dotted lines.

WOODWORKING EQUIPMENT

WOOD WIZARD
POWER BAND SAWS
Without Motor

For Home Work Shop, Professional Woodworker, Vocational Schools, an Contractors



Frame is of "I" Construction and is Built with Our "Bridge Trussed" Design, Making a Remarkably Strong and Rigid Frame which will Always Retain its Original Alignment and will Not Spring. A Milled Integral Saddle Supports the Table.

Wheels Have Five Spokes, Each Spoke Being "T" Section for Strength; the Rim is Heavy and Wide to Properly Support the Blade and has Live Springy Rubber Tires. The Tires are Securely Cemented to the Face of the Rim, are Ground Concentric with the Bore, and Have a Slight Crown so that the Blade will Track Properly.

Table is Grooved and Ribbed for Strength; it is Ground True and Flat on the Surface; and has, at its Center, a Soft Metal Insert to Prevent Damage to the Blade. It is Supported on a Large Trunnion which has an Accurate Protractor Scale Cast in its Face. This Scale, in Conjunction with an Adjustable Pointer on the Saddle, Indicates the Exact Degree of Tilt from 0 to 45°. The Adjustment for Tilt is by Means of Our Unique Cam and Lever Arrangement which Requires no Wrenches and the Table Can Always be Brought Back Exactly to 0 Against the Stop Screw Provided.

Top Wheel has a Full Length Bronze Bearing which is Lubricated by Means of a Large Oil Cup and Hollow Shaft. The Bottom Wheel is Carried on a Ground Shaft Which, in Turn, Runs in Two Bronze Bushings in the Frame Hub. These Bushings are Separated, thus Providing an Oil Reservoir Which is Furnished with an Oil Cup at the Rear of the Frame.

Substantial Fully Adjustable Guide with Ball Thrust Bearing, Hardened Spinner Wheel and Hardened Blade Guide is Provided.

Wheel Guards are One-Piece Castings and are Hinged to a Back Guard, thus Fully Protecting the Operator from Contact with the Saw Blade at Any Point Except the Actual Cutting Point. They are Locked to the Frame by Means of Thumb-Screws, thus Preventing Them from Swinging Open when the Saw is in Use.

There is Also an Intermediate Guard which Covers the Portion of the Blade Above the Spinner Wheel and Below the Top Guard.

Alignment of Top Wheel Controlled by Clapper Box, Oil-Tempered Tension Spring and Thumb-Nut, also Fine Pitch Alignment Screw.

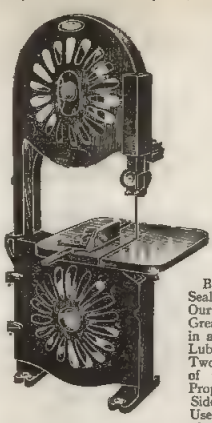
Regular Equipment Consists of Saw as Described Above and Including one ¼-inch Saw Blade, Three Guards, Ball Bearing Spinner, and Pulley on Machine.

Specifications

Capacity, inches....4
Depth Cut....Cuts to Center of 18 inch Circle
Width Saw, inches....⅛ to ¾
Length Saw, inches....48
Size Wheels, Spoke Type....9 inch Diameter, ⅞ inch Wide
Size Table, inches....10x10
Style Table....Tilts to 45°, with Eccentric Lever Lock
Guides—Hardened Steel Revolving Wheel Ball Thrust.
Tension—Spring Type.
Speed Recommended....600 R.P.M.
Motor Recommended....¼ H P., 50 or 60 Cycle
Driven Pulley (on Saw), inches....4½
Driving Pulley (Not Supplied), inches....2
Width Over All, inches....15
Height Over All, inches....25

Each

No. 309 (Without Motor)—Shipping Weight Each, 34 lbs.. **$20 30** 14 50
One in a Shipping Carton



Frame, Following Our General Practice, is "I" Section and of "Bridge Trussed" Design. It is One-Piece which Gives the Rigidity Required and in Order to Maintain Alignment, the Saddle for Supporting the Table is Cast Integral and Milled with Exact Relation to the Wheel Supporting Members.

Wheels are Six-Spoked, Heavy and Rigid They are Statically Balanced to Assure Running without Vibration and the Wide Rim is Covered with Live Springy Rubber. The Rubber Face is Ground in a Special Machine to be Absolutely Concentric with the Bore and, at the Same Time, is Given a Slight Crown to Insure Tracking of the Blade.

Bearings Used are the Precision Grease Sealed Type which are used Throughout Our Line of Ball-Bearing Machines. Grease Can Neither Leak Out Nor be put in and the Bearings Need no Added Lubrication for the Life of the Tool. Two Bearings are Pressed into the Hub of the Top Wheel, so Spaced as to Properly Support the Wheel and Prevent Side Play. Likewise, Tow Bearings are Used in the Hub Which Carries the Shaft of the Lower Wheel.

Table is Made with a Trunnion Cast Integral. This Trunnion Rests on the Milled Saddle of the Frame and is Clamped to it by Means of a Quick-Acting Ball Crank. The Trunnion Carries an Etched Protector which, in Conjunction with an Adjustable Pointer on the Frame, Indicates the Tilt in Degrees. The Table Can be Quickly Tilted to any Adjustment from 0 to 45° and, when Returned to 0, Contacts a Positive Stop so that the Operator Knows it is in the 0 Position without Measuring.

Upper Blade Guide is so Constructed that Blades from 1/16 inch to ⅝ inch Wide May be Used Two Adjustable Pins Limit the Side Movement of the Blade and a Ball Thrust Bearing with Hardened and Ground Spinner Wheel Take the Thrust of Sawing. The Quickly Adjustable Guide Will Pass Lumber 5⅝ inches Thick and is Clamped in Position by Means of a Large Hand Knob. The Lower Blade Guide is Plain, and Adjustable to Take Up Wear. The Top Wheel is Supported by a Clapper Box which is Carried by Two Large Parallel Rods that Slide in Reamed Holes in the Frame. The Wheel Support is Adjusted for Tension by Means of an Oil-Hardened Spring, Elevating Screw and Hand Knob. Alignment of Wheel is also Taken Care of by Means of a Spring-Controlled Screw and Hand Knob.

Heavy Cast Iron Guards are Provided for Protection of the Operator and are so Designed that only a Very Small Portion of the Blade Other than that Actually Cutting is Exposed. These Guards Comply with all Safety Laws and Regulations.

Regular Equipment Consists of Saw Complete with Guards, Ball Thrust Bearing Spinner Wheel Guide. Four Sets of Ball Bearings in Wheels, One ¼ inch Band Saw and Pulley on Machine; Mitre Gauge and Ripping Fence is Extra, See Catalog Page 243.

Specifications

Capacity, inches....5⅛
Depth Cut....Cuts to Center of 24 inch Circle
Width Saw, ⅛ to ¾ inches; Length Saw, inches....65½
Wheels—Streamline Spoke Wheels of Semi-Steel, in Balance Both at Rest and While Running—Runs Smoothly; Vibrationless. With Ground Rubber Faces. 1 inch Wide.
Table—12x12 inches of Semi-Steel, with Protractor Scale for Tilting; Tilts from Horizontal to Full 45°
Guards—Saw Enclosed Except for Working Portion.
Bearings—Oversize, with Ball Bearings Sealed in Oil for Life of Machine.
Guides—Hardened Steel; Spinner Type. Thrust of Band Saw Carried on Steel Ball Bearing. Guides, Top and Bottom.
Tension—Positive Screw Type; Keeps Wheels in Accurate Alignment.
Speed Recommended....600 R. P. M.
Motor Recommended....¼ H.P., 50 or 60 Cycle
Motor Recommended (For Production Work), ⅓ H.P., Either 50 or 60 Cycle
Driven Pulley (On Saw), inches....5
Driving Pulley (Not Supplied), inches....2
Width Over All, 19 inches; Height Over All, inches....34

Each

No. 312S—(Without Motor) Shipping Weight Each, 122 lbs.**$49.70** 35.50
One in a Shipping Carton

FOR ELECTRIC MOTORS, SEE PAGE 244.

WOODWORKING EQUIPMENT

WOOD WIZARD
HEAVY DUTY BAND SAWS
Without Motor

For Home Work Shop, Professional Woodworker, Vocational Schools and Contractors

The Frame is One Piece Designed with "I" section Members and "Bridge Trussed" Design Alignment is Assured Due to the Fact All Surfaces Carrying Attached Members are Milled Perfectly Flat

The Wheels are Heavy and Rigid, Made with Six Large Spokes and Balanced to Insure Smooth, Vibrationless Running. Rims are Covered with Live Springy Rubber which is Ground to be Concentric with the Bore A Slight Crown is Given to the Face to Insure Proper Tracking of the Blade. Due to This Construction, there can be No Whip or Jump of the Blade.

The Bearings are the Precision Grease Sealed Type. Grease can Neither Leak Out Nor Be Put In, and the Bearings Need No Added Lubrication for the Life of the Tool. Two Bearings in the Hub of the Top Wheel are so Spaced as to Prevent Side Play. Likewise, Two Bearings are Used in the Hub Which Carries the Shaft of the Lower Wheel.

The Table is 12x12 inches, Made with a Deep Rim and Many Ribs, Machined Smooth and True. At the Point Where the Blade Travels, a Replaceable Soft Metal Disc is Inserted, thus Preventing Injury to the Blade. The Table is Supported on a Separate Adjustable Trunnion Which Carries an Integral Protractor Scale on its Face to Indicate the Tilt in Degrees. The Table can be Tilted to Any Degree from 0 to 45° and is Locked in Place by Means of a Cam and Lever Lock. A Positive Stop is Provided to Locate the 0 Position.

The Upper Blade Guide is of Entirely New Construction, the Guide Bracket and Intermediate Guard Being One Piece. It Will Accommodate Various Widths of Blades from 3/16 inch to 5/8 inch. Two Adjustable Square Blocks Guide the Blade. The Thrust is Taken by a Large Hardened and Ground Spinner Wheel and a Ball Thrust Bearing. The Entire Assembly is Adjustable on Its Supporting Rod. The Supporting Rod is Adjustable Right to Left; the Combination of Adjustments Make a Universal Guide Which Can Be Quickly Adjusted to Any Possible Blade Position. The Lower Blade Guide is Quite Similar to the Upper One and is Provided with the Same Square Adjustable Blocks and Similar Spinner Wheel Thrust Arrangement.

The Top Wheel Support is Fitted to Very Close Limits. A Supporting Member Carries the Close-Fitting Clapper Box, the Hinged Member of Which is Carried on a Tool Steel Pin. The Spindle Carrying the Upper Wheel is Ground Accurately to Size. An Oil tempered Spring Supports the Sliding Member and is Carried on a Long Screw with Knurled Hand Adjusting Knob

The Table Has a Slot for the Miter Gauge, Which is Furnished as Regular Equipment. The Miter Gauge is a Large, Substantial Unit so Constructed that it Can Serve as Either a Miter Gauge or Ripping Fence. Adjustment is by Means of Parallel Slots and an Accurate Protractor Scale is Provided for Cutting Angles.

Guards for Both Upper and Lower Wheels are Cast in One Piece, and Held in the Closed Position by Means of Knurled Thumb Screws. This Heavy Guard, Together with the Intermediate Guard, Effectively Protects the Operator from the Entire Blade Except at the Actual Cutting Point and Complies with All Safety Laws and Regulations.

The Regular Equipment Consists of Saw Complete with Guards for Both Wheels, Intermediate Guard, Ball Thrust Bearing Spinner Wheel and Blade Guide Both Above and Below the Table, Four Sets of Ball Bearings in Wheels; Cam and Lever Table Locking Device, One ¼ inch Band Saw Blade; Combination Miter Gauge and Ripping Guide, and Pulley on Machine.

Specifications

Capacity, inches 5½
Depth Cut ..... Cuts to Center of 24 inch Circle
Width Saw, inches ..... ⅛ to ⅝
Length Saw, inches 79½

Wheels—Spoke Wheels, in Balance Both at Rest and While Running; Runs Smoothly, Vibrationless, with Ground Rubber Faces 1 inch Wide.

Table—12x12 inches, with Protractor Scale for Tilting; Tilts from Any Degree from 0 to 45°.

Guards—Saw Enclosed Except at Actual Cutting Point; Complies with Safety Laws and Regulations.

Bearings—Oversize, with Ball Bearings Sealed in Oil for Life of Machine.

Guides—Hardened Steel Spinner Type; Thrust of Band Saw Carried on Steel Ball Bearing, Guides Top and Bottom.

Tension—Positive Screw Type; Keeps Wheels in Alignment.

Recommended Speed of Machine Pulley, 500 to 600 R P. M.

Motor Recommended	½ H P
Motor Recommended (for Production Work)	¾ H. P
Driven Pulley (on Saw) inches	5
Driving Pulley (Not Supplied), inches	2
Width Over All, inches	19
Height Over All, inches	34

No. 312H—Heavy Duty (Without Motor); Shipping Weight Each, 125 lbs.	**$55 30**	Each 50 50

POWER SAW TABLES
Without Motor

For Home Work Shop, Professional Wood Worker, Vocational Schools, and Contractors

Table is Cast, Grooved and Ribbed for Strength, and Carefully Surface-Ground to Present a True Working Surface.

Arbor is Selected Ground Cold Rolled Steel, Carefully Fitted to a Full Length Bronze Bushing Which is Contained in a Separate Housing. This Housing is Bolted to the Main Frame by Means of Three Substantial Bolts. Proper Provision is Made for Thrust with Thick Stamped Anti-Friction Thrust Washers.

Construction Follows Good Engineering Practice of Having the Table Ride on Trunnions, thus Allowing the Table to be Clamped Rigidly at any Position from 0 to 45° by Means of a Single Cam and Lever; No Wrenches Necessary.

The Return to 0 is Provided for by Means of an Adjustable Stop Which can be Accurately Set so that No Matter How Many Times the Table is Tilted, it can Instantly be Returned to 0 with No Adjustments or Measuring.

A Fully Adjustable Miter Gauge is Provided Which Enables the Operator to Make all Square and Angular Cuts with Accuracy.

Ripping Fence is Cast in One Piece, is the Full Length of the Table, and Has an Exceptionally Long Bearing on the Front Surface of the Table, It is Adjusted to Suit the Work with One Thumb Nut Conveniently Placed in Front.

A Well-Made Guard, Together with a Link and Supporting Bracket, is Provided for Safe Operation This Guard is of Our Own Unique Design Which, While Affording Full Protection, Gives a Clear View of the Cutting Edge at All Times.

Capacity—Full 1½ inch Lumber

Regular Equipment with this Machine Consists of 6-inch Combination Saw Blade, Adjustable Miter Gauge, Ripping Fence, Guard, Link and Bracket, and Pulley on Machine.

Specifications

Depth of Cut, inches	1½
Size of Saw, inches	6
Arbor of Saw, inch	½
Type of Saw	Combination Rip and Crosscut
Saw Guard and Link	Attached Behind Saw. Practical and Safe
Ripping Fence and Graduated Miter Gauge	
Size of Table, Stationary (Does Not Tilt). inches	10x13
Bearings	Plain
Recommended Speed	3500 R P M
Motor Recommended	¼ H P.
Driven Pulley (On Saw), inches	1¾
Driving Pulley, 50 Cycle (Not Supplied), inches	4
Driving Pulley, 60 Cycle (Not Supplied), inches	3
Height Over All, inches	8
Length Over All, inches	14

No. 206—(Without Motor) Shipping Weight Each, 18 lbs.	**$10.50**	Each 7 50
No. 206S—Same as Above Excepting Plain Bearing and Stationary Top (Without Motor); Shipping Weight Each, 18 lbs.	**8.75**	6 25

All Above, One in a Shipping Carton

FOR ELECTRIC MOTORS, SEE PAGE 244.

WOODWORKING EQUIPMENT

WOOD WIZARD

HEAVY DUTY POWER SAW TABLES

Without Motor, For Home Work Shop, Professional Woodworker Vocational Schools and Contractors

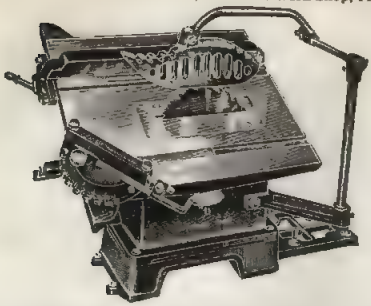


Table is 15x18 inches, Made Exceptionally Heavy and Thoroughly Braced by Deep Ribbing to Give it the Necessary Strength. It is Planed Absolutely Smooth and Flat and is Provided with Two 5/8 inch Wide by 3/8 inch Deep Slots to Accommodate the Mitre Gauge on Either Side of the Blade as is Most Convenient. The Front Surface is Milled to Receive Our Patented Ripping Fence. Table has an Aluminum Throat Which is Quickly Removable so that Special Throats May be Used When Using Dado Heads, etc. The Table Tilts to Full 45°, and is Clamped in Any Position from 0° to 45° by Means of our Unique Cam and Lever Arrangement Both at the Front and the Rear.

Main Frame and Box Section with Saddles Cast Integral to Support the Table. An Accurate Protractor Scale in Combination with the Adjustable Pointer on the Table Trunnion, Indicates Exactly the Degree of Tilt from 0° to 45°. On the Right Side of Frame is Another Scale Divided to Show in inches and fractions the Depth of Cut. There are also Two Adjustable Stop Screws Against Which the Table Contacts at 0° and Also a Stop Screw to Limit the Lowest Point to Which the Saw Arbor May be Lowered.

Saw Blade is Carried on a Large and Substantial Arbor Mounted in Precision Grease Sealed, Dust-Proof Bearings Which, in Turn, are Seated in a Precision Reamed Rocker Arm. The Rocker Arm is Operated by an Elevating Screw, Actuated by Means of a Crank at the Front of Machine. The Rocker Arm Carries the Clamping Knob and Also a Pointer to Indicate the Depth of Cut Desired.

Ball Bearings Used are the Highest Grade Precision Type Obtainable. They are Sealed in Grease by Means of Felt Seals and, as Grease Cannot Leak Out Nor Can Any be Added, they Require no Other Lubrication for the Life of the Machine.

Patented Ripping Fence is so Constructed that it Clamps Firmly at Any Position and Can be Operated with One Hand. It is Locked in Position with Our Usual Cam and Lever Clamping Device. It is Milled Full Length on Both Sides so that it May be Used on Either Side of the Saw Blade. It has a Long Bearing on the Front of the Table to Insure Perfect Alignment and Provision is Made to Adjust it by Means of Two Special Screws and Lock Nuts. Being Box Section with Internal Tie Ribs, it Cannot Warp or Spring, thus Presenting a Straight, True Surface so Necessary for Easy and True Ripping.

Mitre Gauge Furnished is Our New "Auto-Index" (Patented). This is the Most Unique Mitre Gauge yet Offered; it Auto-Indexes Instantly at all of the Frequently Used Degrees and is Released and Indexed by Pull Pin Which Controls the Locking Plunger For Less Frequently Used Degrees or for Odd Adjustments, the Pull Pin Can be Instantly Disengaged and then Indexing at any Point is Possible, the Gauge Being Clamped by Means of a Large Knurled Knob.

It has a Long, High Face Provided for Screws to Hold an Auxiliary Extension When Desired. It has Provision for Adjustable End Stop for Duplicate Work; this Item is Furnished as Regular Equipment. The Protractor Scale is Adjustable on the Body so that the Gauge Face May be Accurately and Automatically Lined Up at Right Angles to the Saw Blade

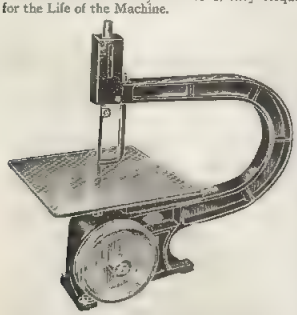
An Excellent Saw Guard is Furnished, it Being of Such Design as to Prevent it from Coming into Contact with the Saw When the Table is at Any Degree of Tilt. It Effectively Protects the Operator but, at the Same Time, Permits a Full View of the Cutting Edge. It is Supported by a Substantial Rod and Link and May be Instantly Swung Clear of the Blade When Necessary.

Regular Equipment Consists of Saw Table as Illustrated and Includes Ripping Fence, "Auto-Index" Miter Gauge with Adjustable End Stop, Guard, Link and Bracket, 8-inch Combination Saw Blade, Three Wrenches, and Pulley on Machine.

Specifications

Depth of Cut, inches	2 3/4	Arbor of Saw, inch	5/8
Size of Saw, inches	8	Type of Saw	Rip or Crosscut
Guard—Aluminum Alloy, Patented Design, Cannot be Pushed into Saw Regardless of Position of Table.			
Ripping Fence, Semi-Steel, Length, inches			20
Miter Gauge—Improved Design, Accurately Graduated in Degrees.			
Size of Table, inches			15x18
Style of Table			Tilts up to 45°
Ball Bearings—Precision, Sealed in Oil for Life of the Machine.			
Recommended Speed			4000 R.P.M.
Motor Recommended (All Ordinary Work) Either 50 or 60 Cycle			1/4 H.P.
(For Extra Heavy Production Work) Either 50 or 60 Cycle			1/2 H.P.
Driven Pulley (On Saw), in	1 3/4	Height Over All, inches	19
Driving Pulley (Not Supplied), in.	4 1/2	Length Over All, inches	24 1/2

No. 208H—(Without Motor) Shipping Weight Ea. 115 lbs. **$46 90** 33 50 Each
One in a Shipping Carton



Frame is Especially Rigid and is of the One-Piece "I"-Section Type, Accurately and Carefully Machined, Well Braced and with Metal Properly Distributed to Provide Rigidity and Freedom from Excessive Vibration. All Holes Having Plungers and Shafts are Line-Reamed, thus Providing Accuracy of Alignment of all Moving Parts, and Insuring Long Life.

No. 110—(Without Motor) Shipping Weight Each, 15 lbs

JIG SAWS

Without Motor

The Motion is of the Modified Scotch Yoke Type. The Vertical Movement of the Lower Plunger is Accomplished by Means of a Counter-Weighted Crank-Shaft with Hardened Crank Pin and Drive Shaft Cast Integral, Which Assures Permanent Alignment. The Rotary Motion of the Hardened Crank Pin is Transmitted to a Hardened Square Steel Block, Sliding in a Well-Fitted Yoke, Which in Turn Transmits Motion to the Lower Plunger, Giving a True Vertical Movement to the Saw Blade.

Table is Constructed of 12-Gauge Steel, Heavy and Rigid, with a Smooth Polished Surface, Free from Grooves and Ridges, and is Finished with Aluminum Lacquer to Preserve the Highly-Finished Surface. The Table Bracket is Welded to the Table Insuring a Tight and Permanent Connection.

Upper and Lower Plungers Carry at their Ends a Substantial Blade Chuck, the Blade Clamp Being Made of Case-Hardened Steel and Provides a Simple Adjustment Requiring only a Common Screw-Driver. The Chuck in General is Designed to Accommodate a Standard 5 inch Pin-End, Scroll or Fret Blade Without the Use of Any Attachments.

Spring for Tensioning the Blade and Providing the Vertical Reciprocating Motion, is Made of Special Spring Wire, Carefully Heat-Treated for Long Life and is Protected from Damage and Dirt by Two Stamped Steel Cover Plates. Should this Spring for Any Reason become Broken, it is a Simple Operation and Just a Moment's Work to Replace. Will Cut Material 1 5/8 inch Thick, and Having a 10 inch Throat, will Cut to the Center of a 20 inch Circle.

A Fully Adjustable Saw Guide and Hold-down is Provided, and as the Blade Travels at High Speed in an Absolute Vertical Direction, Clean, Smooth and Accurate Work is Obtained.

Regular Equipment Furnished with Machine Consists of: Frame with Steel Table, One 5-inch Pin-End Blade in Machine and Driving Pulley on Machine.

Specifications

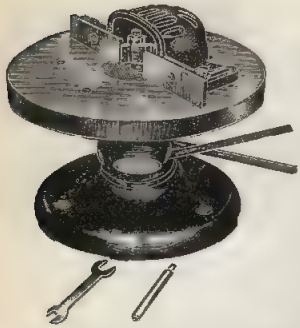
Capacity, inches			1 7/8
Depth of Stroke, inch			1
Recommended Strokes Per Minute			500 to 700
Size of Blade, inches			5
Style of Blades			Straight or Pin Type
Size of Table, ins.	8x8	Tilts	Up to 45°
Bearings			Plain
Motor			
Recommended 1/4 H.P., Either 50 or 60 Cycle			
Driven Pulley (On Saw)			4 inch V-Type
Driving Pulley (Not Supplied)			2 inch V-Type
Height Over All, ins.	16	Depth of Throat, ins.	10

Each
$8.25 5.90
One in a Shipping Carton

FOR ELECTRIC MOTORS, SEE PAGE 244.

WOODWORKING EQUIPMENT

WOOD WIZARD
HEAVY DUTY SHAPER
Without Motor
For Home Work Shop, Professional Woodworker, Vocational Schools and Contractors



Ball Bearing

Table is Full 14 inches in Diameter and is Turned True and Smooth. It is Provided with a Helical Raising and Lowering Device (U. S. Patent No. 1893080) Whereby it Can be Raised and Lowered in Relation to the Cutter, thus Providing a Quick and Accurate Means of Set-Up or in Matching Previously Run Mouldings. Table is Drilled and Tapped with Three Separate Sets of Holes for Attaching the Fence in Varying Convenient Positions.

Column Which Houses the Bearings is Most Massive. It is Precision Bored to Receive the Bearings, Which are the Same Type of Grease Sealed Precision Bearings as Used in All of Our Ball-Bearing Tools.

Spindle is Exceptionally Large and is Made from Chrome Vanadium Steel. It can be Run at Extremely High Speed Constantly as with the High-Grade Bearings We Use There Can be no Vibration.

A Suitable Heavy Base Supports the Column and Table and is so Arranged that the Column May be Rotated Within it for Adjusting Belt Position or Other Desirable Reason.

Combination Guard and Fence Which is Furnished is so Designed as to Give Additional Protection from Injury. Covering it We Have a Patent Pending. The Fence Faces are Wide and Long and are Quickly Adjustable to Suit All Working Conditions.

There are Three Positive Positions at which the Fence May be Clamped to the Table, thus Always Assuring a Position which Will be Most Convenient to the Operator.

Can be Driven 10,000 R.P.M., Which Means 30,000 Cuts per Minute. A "V" Pulley is Placed Midway Between the Bearings.

The Working Possibilities are Only Limited to the Ingenuity of the Operator as More than 50 Different Mouldings May be Formed by Combinations of a Few Different Cutters and Many Different Table Positions.

Regular Equipment Consists of Machine with Drive Pulley on Shaft, Combination Fence and Guard, Long Extra Flexible "V" Belt, Three Spacing Collars for Spindle, Throat Piece, Pin for Holding Spindle While Tightening or Loosening Cutters, Table Adjustment Scale, and Wrench for Spindle

Diameter of Table, 12 inches.

Motor Recommended: ½ H. P.; Speed, 3000 to 3600 R. P M

Recommended Pulley Speed, 9000 R. P. M.

Each

No. 514—(Without Motor) Shipping Weight Each, 50 lbs. **$34.30** 24 50

One in a Shipping Carton

BENCH LATHES
Without Motor

Bronze Bearing—24 Inches Between Centers

Bed is a Casting, Exceptionally Heavy, Well Ribbed and Cast in One Piece. The Ways are Accurately Ground to Insure a Perfectly Straight and Level Top Surface.

Headstock is a Heavy, Box-Type Casting, with Large Bronze Bearings, and Provided with Spring Top Oil Cups for Proper Lubrication. It is Accurately Doweled to the Bed, and is so Arranged that it can be Reversed on the Bed by Loosening One Nut, thus Allowing Outboard Turning to be Accomplished.

Ample Provision is Made to Take the Thrust of Turning, and in the Case of Eventual Wear, the Thrust Washers are Easily and Quickly Replaceable at a Negligible Cost.

Accurately Machined Steel Spindle of ⅝ inch Oversize Diameter is Used Instead of the Usual ½ inch Diameter Shaft, Providing Greater Rigidity, and in Turn Longer Life of Both Spindle and Bearings. The Advantage of a ⅝ inch Spindle is that it will Accommodate Standard Accessories Having a ⅝ inch Hole Such as Manufactured by Wood Wizard.

The Machine is so Designed that the 3-Step Cone Headstock Pulley can be Driven by V-Belt Either From Behind, Above or Below.

Tailstock is a One-Piece Heavy Casting, Carefully and Accurately Made, with a Well-Machined Spindle Made of Highest Quality Machinery Steel. It is Adjustable by Handwheel and has a Movement Which is More than Ample for All Requirements of a Lathe of this Size.

Regular Equipment Furnished with this Machine Consists of Headstock and Tailstock Complete, Bed, Spur Headstock Center, 60° Tailstock Center, ½ inch Tee Rest, and Tee Rest Holder Complete.

Specifications

Swing, inches	6
Between Centers, inches	24
Type of Rest	No. R56—5 inch Single Post
Holder	No. 2006
Headstock Spindle	⅝ inch Steel
Bearings	Bronze
Motor Recommended	¼ H.P., 50 or 60 Cycle
Driving Pulley (On Lathe)	3 inch—Three Step
Driving Pulley No. 9335 (Not Supplied)	3 inch—Three Step
Height Over All, inches	7
Length Over All, inches	36

Each

No. 406—(Without Motor) Shipping Weight Each, 17 lbs. **$8.25** 5 90

One in a Shipping Carton

FOR ELECTRIC MOTORS SEE PAGE 244.

WOODWORKING EQUIPMENT

WOOD WIZARD

COMBINATION BELT AND DISC SANDERS

Without Motor

For Home Work Shop, Professional Woodworker, Vocational Schools, and Contractors.

Bronze-Bushed Throughout with High-Grade Replaceable Bushings.

Ample Provision for Lubrication with Spring-Top, Wick-Oiling Cups.

Large Belt Table, Ground Perfectly Smooth and Flat, thus Providing a Perfect Working Platform for the Belt, and Consequently Perfectly Flat Work.

Adjustable Guide or Fence Capable of Being Placed at Various Angles Enables the Operator to Match Angular Work with Precision and Accuracy.

Oversize Shaft 5/8 inch in Diameter, Will Not Spring, and Due to its Large Size will Reduce Wear on Both Bearings and Spindle.

Automatic Belt Tension, Easily Adjusted by Simply Releasing the Cam, Which Retracts the Spring, and Irrespective of Any Stretch in the Belt, Same Will Automatically be at the Proper Tension at All Times. The Tension Spring is Exceptionally Large in Diameter, Oil-Tempered, and of the Highest Quality.

Alignment of Belt is Adjustable While Running and is Accomplished by Means of a Rocking Yoke, Spring, and Extra Large Knurled Thumb Nut. These Units, Together with a Transverse Leaf Spring, Assure a Perfect Running Belt Without Jump, Whip, or Vibration.

Drums on Which this Belt Travels are Exceptionally Large in Diameter, Slightly Crowned for Proper Belt Alignment, and Constructed with the Hollow, Spoked Design, Assuring Cool Running at All Times.

Sanding Disc is Carefully Machined and Balanced to Run True with the Shaft, and is Properly and Accurately Faced to Receive and Hold the Abrasive Discs. The Abrasive Discs are Cemented to the Disc with a Special Cement Which, While it Holds the Abrasive Firmly, May be Readily Cleaned from the Disc When Necessary to Replace.

Disc Table, Which is Accurately Ground to a Flat Surface, is Cradled in a Yoke and is Adjustable for Tilt from 0-45° with Relation to the Face of the Disc Itself; and When in Any Determined Position can be Firmly Locked by a Unique Cam and Lever Locking Device, and is Instantly and Easily Adjustable Without the Use of Wrenches.

Face of the Table is Grooved to Receive the Slide of the Miter Gauge by Use of Which Either Square Surfaces May be Obtained and Repeated as Often as Necessary, or Angles, or Compound Angles May be Accomplished Just as Easily.

A Solid, Heavy, Substantial Base Ties Together the Entire Unit, Making a Compact and Sturdy Machine Which, with Ordinary Care and Proper Lubrication, will Give Many Years of Satisfactory Service.

Regular Equipment Furnished with this Machine Consists of One 4x36 inch Medium Grit Abrasive Belt, One 8-inch Medium Grit Abrasive Disc Cemented to the Sanding Disc, Adjustable Disc Table, Adjustable Fence, Two Adjustable Belt Sander Drums, Miter Gauge, and Pulley on Machine.

Specifications

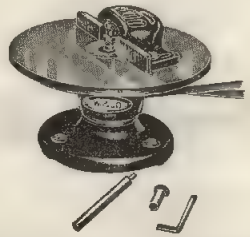
Size Belt Sander Table, inches	13½x4⅝
Size Sander Belt, inches	4x36
Size Disc Sander, Diameter, inches	8
Disc Sander Table, inches	9⅝x6
Disc Sander Table, Tilts to	45°
Equipped with Divided Miter Gauge.	
Motor Recommended, H.P., Cycle	½—50-60
Motor Recommended, (For Heavy Production Work), H.P., Cycle	½—50-60
Motor Speed Recommended:	
Size Pulley, 50 Cycle (Not Supplied), in	2½
Size Pulley, 60 Cycle (Not Supplied), in	2
Height Over All, inches	10
Length Over All, inches	20½
Width Over All, inches	15½

No. 700—(Without Motor); Shipping Weight Each, 40 lbs. **$20.30** 14 50

One in a Shipping Carton

BALL BEARING SHAPERS

Without Motor



The Base, Column and Table are One Piece, Which Means Absolute Alignment; the Bearing Seats are Precision Reamed and the Spindle is Rigidly Supported in the Bearings Exactly at Right Angles to the Smoothly-turned Table; Diameter of Table, 10 inches.

The Bearings are the Precision Grease Sealed Type of Ample Size to Support the Spindle with an Absence of Vibration at Extremely High Speed.

The Spindle is Chrome Vanadium Steel, Ground to Slide Freely Through the Bearings for Adjustment of Cutter. Will take All 5/8 inch Bore Cutters as Well as ½-inch Bore Cutters by Means of an Adapter Sleeve.

The Spindle and Top Bearing are Protected from Dust and Chips by Means of an Extra Felt Seal.

A Unique Arrangement (Patent Applied For) is Provided for Governing the Depth of Cut. Spindle has a Flat Milled on its Length Against Which a Bronze Shoe is Clamped by Large Hollow-head Set Screw. The Spindle is Quite Readily Raised and Lowered and Can Be Positively Locked in Position.

The Guard and Fence are in One Piece and can be Adjusted through a Wide Range.

The Spindle can be Driven from 8,000 to 10,000 R. P M. The High Speed Recommended Will, with Sharp Cutters Taking 30,000 Cuts per Minute, Give Absolute Smooth Work.

Regular Equipment Consists of Shaper as Described, with Guard and Fence, Flexible "V" Belt, Three Spacing Collars, Adapter Sleeve for ½-inch Cutters, Pin for Holding Spindle and Wrench.

Motor Recommended ..... ½ H. P., Speed 3,000 to 3,600 R. P. M.
Recommended Speed of Spindle ..... 8,000 to 10,000 R.P.M

No. 610—(Without Motor); Shipping Weight Each, 17 lbs. **$16 10** 11.50

One in a Shipping Carton

FOR ELECTRIC MOTORS, SEE PAGE 244.

WOODWORKING EQUIPMENT

WOOD WIZARD

HEAVY DUTY BENCH LATHES

Without Motor

For Home Workshop, Professional Woodworker, Vocational Schools and Contractors

One-piece Construction of Exceptional Weight and Rigidity. Strongly Braced Throughout and Having Three Massive I-section Cross Ribs. The Top Surface Has Very Wide, Flat Ways Which Are Accurately Milled for Their Entire Length

Massive Headstock Very Heavily Constructed Throughout. Bearing Seats are Shouldered and Precision Reamed and the Bearings are Pressed in Place Against These Shoulders, Thus Preventing Any End Movement. High-grade Precision Grease Sealed Bearings are Used, Insuring Accuracy and Long Life.

The Spindle is Hollow and is Reamed to No. 1 Morse Taper, thus Accommodating Centers and All Accessories Having That Taper. The Front Nose Has a Standard 1 inch, Eight-pitch Thread, and will accommodate All Face Plates, etc., Made With That Thread.

The Cone Pulley is of the Indexing Type.

Tailstock is Designed for Maximum Strength and Has a No. 1 Morse Taper in the Quill, Which, of Course, Will Take All No. 1 Morse Taper Accessories. The Adjustment is By a Large, Smoothly-turned Hand Wheel. A Convenient Binder Handle is Provided to Clamp the Quill to Insure It Remaining Stationary While Turning.

The Tee Rest Holder is of Ample Proportions to Insure Strength and is Easily Removable from the Bed Without Removing the Clamping Bolt from the Lower Clamp. Lower Clamp for Both Tee Rest Holder and Tailstock are Malleable, Making Them Practically Unbreakable.

The Tee Rests are Strong and Well Designed; They are Ground on the Working Surface, Thus Giving Freedom of Tool Action, and Insuring Accurate Work.

The Centers are No. 1 Morse Taper and are Carefully Heat Treated to Give Them Toughness and Long Life; They are Ground on the Body After Hardening so That They Will Run True. The Center Points are Removable.

The Standard Equipment Consists of Bed, Headstock and Tailstock Complete; also Tee Rest Holder, One 4-inch and One 8-inch Tee Rests, Spur and Cup Centers, and Endless V-Belt 44 inches Long.

Specifications

Swing, inches	10
Between Centers, inches	36
Type of Rest	No. R189—8 inch
Holder	No. 2010
Headstock Spindle	½ inch Mach. Steel
Bearings	Ball Bearings, Filled with Grease
Motor Recommended	¼ to ½ H.P., 1500 to 1800 R.P.M.
Driven Pulley (On Lathe)	5 inch, 4 Step
Driving Pulley (Not Supplied)	5 inch, 4 Step, ½, ⅝ or ¾ Bore
Height Over All, inches	11
Length Over All, inches	52

	Each	Each
No. 410—(Without Motor); Shipping Weight 80 lbs. One in a Shipping Carton	**$41.80**	29.50

For the More Experienced Home Shop Worker and is Quite Suitable for Use in Any Professional Line; In Producing This Lathe We Have Used Every Effort to Embody All Desirable Features Needed in a Tool of this Character; Only the Best of Materials and Highest Class Workmanship Enter Into its Construction.

Indexing Headstock—The Cone Pulley is Accurately Balanced and is Provided with 60 Precision-Spaced Holes, Which Are Numbered in Sequence from No. 1 to 60, to Provide a Means of Indexing the Spindle.

Upon the Headstock Frame there is Provided a Push-Pull Mechanism, One End of Which Will Enter Any One of the Holes in the Cone Pulley for Convenient Indexing.

When Fluting, there Are a Large Number of Divisions Available; Any Number of Divisions Can be Obtained by Which the Number 60 is Divisible; In Other Words, if You Want to Cut Four Flutes Upon a Certain Piece of Work Use Every Fifteenth Hole. If You Want to Cut Ten Flutes, Use Every Sixth Hole; The Locking Pin is so Arranged with a Spring and Ball Tension to Prevent it From Accidentally Becoming Engaged or Disengaged. This Indexing Device is Provided on All 9, 10 and 12-inch Lathes, Both Standard and Heavy Duty.

Bed—Our Usual One-Piece Construction, Strongly Braced and Rigid, with Milled Ways.

Headstock—One-Piece Construction, Massive and Rigid; Bearing Seats Precision Reamed to Accommodate Over-Size Precision Grease-Sealed Type Ball Bearings.

The Spindle is Hollow and Has a No. 2 Morse Taper Reamed Hole in the Front End; Both Ends Are Provided with a Standard 1-inch, 8-Pitch Thread; Right Hand at the Inner and Left Hand at the Outer End.

The Tailstock is a Heavy Casting, Accurately Machined and Provided with No. 2 Morse Taper; It is Easily and Quickly Adjustable by a Large Hand Wheel and is Provided with an Efficient Locking Device.

The Centers Provided Are Properly Heat Treated and Ground After Hardening; Center Pins Are Replaceable.

The Tee Rests Are Large, Provided with 1-inch Diameter Shanks, and Ground on the Working Surface.

The Regular Equipment Consists of Standard Pattern Bed, Head and Tail Stock, Tee Rest Holder, 4 and 12-inch Tee Rests, One 3½-inch Face Plate, Spur Center, Cup Center, Belt and One Wrench.

Specifications.

Swing, inches	12
Between Centers, inches	36
Type of Rest	No. R412—4-inch Single Post T Rest
Type of Rest	No. R1212—12-inch Single Post T Rest
Holder	No. 2012
Headstock Carries Heavy Hollow Spindle of Machine Steel with ⅞-inch Hole Through its Entire Length and with No. 2 Morse Taper; Spindle Takes Attachments on Both Ends and is Designed for Out-board Turning of Articles of a Larger Diameter than the In-board Swing Will Permit.	
Headstock Spindle Runs in Heavy Duty Ball Bearings Sealed in Oil for Life of Machine.	
Headstock Has 4-Step "V" Type Cone Pulley; Face Indexed in 60 Accurate Divisions with Positive Lock for Dividing Work or Fluting.	
Tailstock Carries Heavy Machine Steel Shaft with Self-Ejecting Center; Shaft Screw Feed with 4½-inch Hand Wheel, Has No. 2 Morse Taper.	
3½-inch Diameter Face Plate with Right Hand Thread to Fit Headstock Spindle.	
Motor Recommended	½ H. P., 50 or 60 Cycle
Driven Pulley (on Lathe)	5 inches, Four-Step
Driving Pulley No. 9545A (Not Supplied)	5 inches, Four-Step
Height Over All, inches	11
Length Over All, inches	52

	Each	Each
No. 412—(Without Motor); Shipping Weight Each, 97 lbs. One in a Shipping Carton	**$48.80**	34.50

FOR ELECTRIC MOTORS, SEE PAGE 244.

WOODWORKING EQUIPMENT

WOOD WIZARD

BENCH LATHES

Without Motor

For Home Work Shop, Professional Woodworker, Vocational Schools, and Contractors

Takes 30 Inches Between Centers

Built of the Finest Material, is Patterned Along the General Lines of the No. 406 Lathe; It Embodies the Best of Workmanship, is Carefully and Accurately Machined and With Ordinary Care and Proper Lubrication Will Give Satisfactory Service for an Indefinite Period; This Excellent Tool is Offered to the Craftsman Who Desires a Somewhat Larger and Heavier Lathe Than the No 406 at a Slightly Higher Cost.

The Bed is a Heavy Casting Properly Proportioned and Ribbed for Greater Strength and Durability, and of Sufficient Mass to Prevent Vibration Under All Ordinary Working Conditions.

The Ways Are Surface Ground, Thus Giving a True, Accurate Surface for the Tailstock to Slide Upon, Free from Sticking and Binding; It is Provided with Dowel Holes so that if the Headstock is Removed, it May be Placed Back in its Original Alignment.

The Headstock is a Casting of the 2-Pillar Type, Thus Providing a Bearing on Both Sides of the Cone Pulley, Which Gives an Added Rigidity and the Same Time is so Designed that it May be Driven from Behind, Above or Below; It is Provided with Four High-Grade Bronze Bushings, Two on Each Side, and Separated by a Small Space Through Which the Oil Wick Projects, These Bushings Are Pressed in Place in the Previously Bored and Reamed Castings, After Which they Are Line-Reamed to Insure a Perfect Fit for the Spindle without Warping or Springing.

The Spindle is the Highest Grade Machinery Steel and Designed to Project from the Rear Bearing as Well as the Front Bearing so that the Lathe May be Used for Outboard Turning without Any Adjustments or Changes Whatever.

The Bearings and Shaft Are Lubricated by Means of a Wick Which Projects Into the Well in Each Pillar and is Mounted on a Small Spring Which Keeps the Wick in Contact with the Spindle at All Times; The Oil is Introduced Through a Spring Top Oil Cup and is Carried Around the Shaft Through the Gap Between the Bearings and Down Into the Oil Well, from Which it is Fed Back to the Shaft and Bearings, Thus Insuring a Constant Supply of Clear Oil.

The Tailstock is a Rigid, One-Piece Casting with 5/8-inch Diameter Spindle Adjusted by Means of a Convenient Hand Wheel, and Locked in Position by Means of a Large, Well-Designed Clamp Handle; The Tailstock Spindle as Well as the Headstock Spindle, Being 5/8-inch in Diameter, Will Receive All Standard Accessories Having 5/8-inch Hole; A Strong Clamp and Clamping Bolt Are Provided to Properly Lock the Tailstock to the Bed.

A 6-inch Single Tee Rest is Furnished as Well as a Substantial Tee Rest Holder, the Clamping Bolt Being the Same Size as the Tailstock Bolt, Thus Requiring Only One Wrench for Adjustments of Both Rest Holder and Tailstock.

Both the Cup and Spur Centers Are Machined from the Solid Bar and Are Provided with Two Set Screws Each for Safety; Both Centers Have Replaceable Center Points.

The Regular Equipment Consists of the Following: Machined Bed, Headstock, Tailstock, 6-inch Tee Rest, Tee Rest Holder Complete, Spur and Cup Centers, and One Wrench.

Specifications.

Swing, inches	8
Between Centers, inches	30
Type of Rest	No. R63, 6-inch Single Post
Holder	No. 2008
Headstock Spindle	5/8-inch Machine Steel
Bearings	Bronze, Wick Oiled
Motor Recommended	1/4 H. P., 50 or 60 Cycle
Driven Pulley (on Lathe)	4 inches, Four-Step
Driving Pulley No. 9445 (Not Supplied)	4 inches, Four-Step
Height Over All, inches	8 1/4
Length Over All, inches	43

Each

No. 408—(Without Motor); Shipping Weight Each, 35 lbs. **$15.05** 10.75

One in a Shipping Carton

One-piece Cast Bed of Ample Weight to Prevent Vibration, Well Braced for Strength; Has Six Mounting Feet and is Milled Full Length, Providing a True, Smooth Top Bearing.

One-piece Headstock Milled on the Bottom Surface to Rest Securely on the Bed and Clamped to the Bed with Two Large Bolts. The Bearing Seats are Precision Bored and Reamed, Thus Giving Absolute Accuracy of Alignment of the Spindle.

The Spindle is Ground on the Bearing Seats and is 5/8 inch in Diameter on Each End to Receive All Attachments Either for Work Between Centers or for Out-board Turning.

The Large 5-inch 4-step Cone Pulley in the Headstock is Provided with 60 Accurately Spaced Holes and the Headstock Carries a Spring Controlled Indexing Pin. Accurate Indexing or Dividing Can Thus Be Accomplished. The Indexing Pin Cannot Accidentally Fall into the Holes Due to the Spring Lock.

Precision Ball-bearing, Filled With Grease and Sealed. Lubricant Cannot Be Put In Nor Can It Come Out, So No Further Lubrication Is Necessary for the Life of the Lathe.

Tail Stock is Massive in Design, Milled on the Bottom and Provided with a 5/8-inch Spindle to Receive all Centers and Attachments with 5/8 inch Bore. A Large, Free Working Hand Wheel is Provided for Adjustment of the Spindle and a Substantial, Conveniently Placed Binder Handle is Provided to Clamp the Spindle Rigidly.

Tee Rests are Strong and Well Designed; They are Ground on the Working Surface, Thus Giving Freedom of Tool Action, and Insuring Accurate Work. The Tee Rest Holder is of Ample Proportions to Insure Strength and is Easily Removable from the Bed Without Removing the Clamping Bolt from the Lower Clamp. Lower Clamp for Both Tee Rest Holder and Tailstock are Malleable Making Them Practically Unbreakable.

The Centers are Bored 5/8 inch; are Made from the Solid Bar; are Provided With Two Set Screws for Safety; and Have Replaceable Center Points.

Standard Equipment Consists of Bed, Headstock and Tailstock Complete; also Tee Rest Holder, 4-inch and 8-inch Tee Rests, Spur and Cup Centers, Endless V-Belt 44 inches Long, and One Wrench.

Specifications.

Swing, inches	9
Between Centers, inches	36
Type of Rest	No. T89—8 Single Post
Holder	No. 2009
Headstock Spindle	5/8 inch Machine Steel
Bearings	Ball Bearing, Filled with Grease
Motor Recommended	1/4 to 1/3 H.P., 1500 to 1800 R.P.M
Driven Pulley (on Lathe)	5 inch; 4 Step
Driving Pulley (Not Supplied)	5 inch, 4 Step; 1/2, 5/8, 3/4-inch Bore
Height Over All, inches	8
Length Over All, inches	42

Each

No. 409—(Without Motor); Shipping Weight Each, 50 lbs. **$21.30** 24.50

One in a Shipping Carton

FOR ELECTRIC MOTORS, SEE PAGE 244.

AC

The quality of the AC spark plugs has caused the majority of automobile manufacturers to use them as original equipment, because they have proven that they are a line of plugs that can be depended upon With the present motor conditions that cause fouling, blow-by, electrodes burning and pre-ignition, it is an easy matter to equip an automobile with the wrong plugs if the line of plugs is limited to only a few types. In the AC line there is a type of plug and one in the proper heat range to correctly service any motor.

Automotive Engineers Recommend Changing Plugs.

The changing of spark plugs must be of great importance, otherwise automotive engineers, who designed the cars, would not recommend the renewal of plugs every 10,000 miles. They know that today's driving demands more from spark plugs and that greatly improved performance is had when new plugs are installed.

One Gallon of Gasoline Out of Ten.

In addition to the better performance obtained by the renewal of plugs there is also a saving of gasoline to the amount of one gallon out of every ten This has been demonstrated time and again with the flowmeter which measures the gasoline consumption of the same engine before and after installing new spark plugs. This waste can all be charged to worn plugs because timing, throttle opening, carburetor setting and all other factors affecting engine operation are identically the same. That makes at least five ways that car owners are penalized with old plugs, namely gasoline consumption, hard starting, poorer acceleration, less power and speed.

BIG SELLING TYPES OF PLUGS.

No. A.
⅞ Regular.

No. B.
⅞ Long.

No. C.
⅞ SAE Long.

No. E.
⅞ SAE Regular.

No. G8.
Metric Regular.

No. G14.
Metric Regular.

No. H9.
Metric SAE.

No. K10 Metric
14m/m.

No. 08 Metric
18m/m. (Air Cooled).

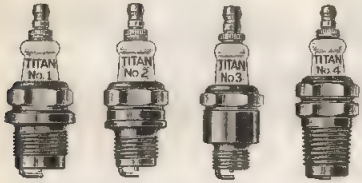
No. Y
⅞ Regular.

No. Z
⅞ Special.

	Each — Lots of 50	Lots of 10	Lots of 1 to 9
AC Regular Plugs—A, AA, AM, B, C, C10, C12, D, E, FF, GG, G1½, G2½, G3, G3½, G4, G4½, G6, G7, G8, G9, G10, G11, G12, G13, G14, H9, J7, J9, J12, KK, K7, K9, K10, K11, K12, K18, KL9, 07, R, S9, W, W6, Y, Z, Z1, 575, 1075			$0.60
AC Long Life Plugs—D4½, D6, D7, D8, D9, D10, D12, E6, E8, E9, E12, E14, I, L4½, L6, L7, L8, L9, L10, L12, L14, Tractor 9, Tractor 12			
AC Porcelain Aircraft Types—N-1, N			.90
AC Radio Plugs—Available in all AC Regular types and in AC575. Specify A-Radio, J9-Radio, etc			
AC Distributor Resistor Unit for Radio Equipped Cars			
AC Metal Spark Plug Cabinet—Holds 150 plugs			2.25

SPARK PLUGS.

TITAN.



A-1. A-2. A-3. A-4

Titan spark plugs are specially designed for general use and are priced to serve the lower priced spark plug market with a plug manufactured by A. C., also to assure the purchaser of a lower priced plug and much better all around performance.

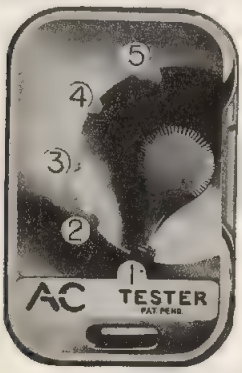
To determine the correct plug to use, see specification chart and use the corresponding plug as shown in the Universal line.

	Each
No. A-1—Titan Spark Plugs; ⅞-18	$0 45
No. A-2—Titan Spark Plugs; 18 M/M	.45
No. A-3—Titan Spark Plugs; 14 M/M	.45
No. A-4—Titan Spark Plugs; ½-inch pipe	.45

"AC—UNIVERSAL" and "TITAN" LINES THREAD SIZES

For all engines using a plug of the thread size shown below:	"AC—UNIVERSAL" LINE	"TITAN" LINE
⅞—18	AA	No. 1
18 M M METRIC	GG	No. 2
14 M M METRIC.	KK	No. 3
½" PIPE	FF	No. 4

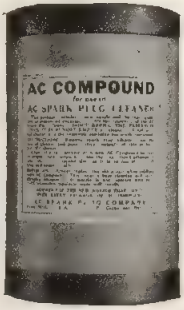
SPARK PLUG TESTERS.



Helps to sell quickly a new spark plug for every 10,000 miles. Actually tests plugs in the engine under its own power, compression and ignition conditions easily used, comes complete with instructions. Tests plugs while engine is running; shows whether plugs miss at high speed under heavy load, not firing or whether they need re-gapping. Enables the dealer to show car owner the true condition of plugs without removing them from the engine.

	Each
No. A-AC—Spark Plug Testers	$8.00

SPARK PLUG CLEANERS.



Spark plug cleaning service at 5c per plug makes people "spark plug conscious". They see the results of wear and realize how much spark plugs have to do with engine performance. It removes oxide film, carbon and oil coating without damaging the insulator. Half of the cars on the road today are operating with worn plugs. With this service spark plug sales opportunities are tremendous.

	Each
No. A-AC—Spark Plug Cleaners; complete with 1 box compound; adapters for all sizes of plugs	$8.00
No. A-AC—Cleaning Compound; enough for cleaning 200 to 500 plugs; one replacement nozzle	.80

POINT FILES.

NICHOLSON DOUBLE CUT.

For dressing the Tungsten points in distributors of autos.

	Per Dozen
No. A-TPF—Point Files; weight per dozen, ½ lb. One dozen in a box.	$1.80

SPARK PLUG GASKETS.

A gasket is furnished with each spark plug, but through cleaning and loss there is a ready market for replacement gaskets. They are available in three sizes.

	Per 100
No. A-⅞—Spark Plug Gaskets; for ⅞ plugs	$0.65
No. A-18—Spark Plug Gaskets; for 18M/M plugs	.65
No. A-14—Spark Plug Gaskets; for 14M/M plugs	.65

PASSENGER CARS

MAKE	MODEL	1935 Reg. Line	1935 Univ. Line	1934 Reg. Line	1934 Univ. Line	1933 Reg. Line	1933 Univ. Line	1932 Reg. Line	1932 Univ. Line	1931 Reg. Line	1931 Univ. Line	1930 Reg. Line	1930 Univ. Line	1929 Reg. Line	1929 Univ. Line	1928 Reg. Line	1928 Univ. Line	1927 Reg. Line	1927 Univ. Line
Auburn	8-50X			G-8	GG														
	Other 8 & 8 Cyl.	K-5	KK	K-5	KK	Z-1	AA	Z-1	AA	Z-1	AA	Z-1	AA	Z-1	AA	Z-1	AA	Z-1	AA
	12 Cyl			G-10	GG	G-10	GG	G-10	GG										
Austin Bantam		G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG						
Black Hawk																			
*Buick	Standard Head	H-9	GG	H-9	GG	J-12	GG	J-12	GG	G-11	GG	G-11	GG	G-11	GG				
	H. C. Head					H-9	GG	H-9	GG	J-12	GG	G-14	GG	G-14	GG	C	AA	C	AA
*Cadillac																			
	After March 26, 1928	G-8	GG	G-8	GG	G-7	GG	G-7	GG	G-7	GG	G-10	GG	G-10	GG	A	AA	A	AA
*Case																Y	AA		
*Chandler	Model 135, Royal 75																	A	AA
	All Others													Z	AA			Z	AA
*Chevrolet	Standard	K-11	KK	K-9	KK	K-9	KK	G-10	GG	G-12	GG	G-12	GG	B	AA	B	AA	B	AA
	Master	K-11	KK	K-10	KK	K-9	KK							G-12	GG	Z	AA	B	AA
*Chrysler	"50", Six and Imp. "6"	K-9	KK							G-12	GG	G-12	GG	Y	AA	Y	AA	Y	AA
	Eight DeLuxe			KL-9 or SL-8	KK					K-9 or 5-8	KK								
	"66" to Eng. C16447											G-11	GG						
	Eight Cyl C-1 & CZ-8	K-9	KK																
	All Others—Std. Head	KL-9		K-9 or S-9	KK	K-9 or S-8	KK	K-9 or S-9	KK	G-13	GG	G-13	GG	A	AA	A	AA	A	AA
	All Others—Red Head																		
	All Others—H. C. Head			KL-9 or SL-9	KK	K-9 or S-9	KK	K-9 or S-9	KK			G-8	GG	Y	AA	Y	AA		
*Continental						G-8	GG												
	Ace					G-12	GG												
	Beacon			G-12	GG	G-12	GG												
	Flyer					G-10	GG												
Cord						G-11	GG			G-11	GG			G-11	GG				
Cunningham	W-1					G-10	GG			G-10	GG								
	All Others			G-10	GG	Y	AA	Y	AA	G-10	GG	Z	AA	Z	AA	Z	AA	Z	AA
Dagmar																A	AA	A	AA
*Davis																A	AA	A	AA
*DeSoto	"Six", "Airstream"	K-9	KK	K-9 or S-9	KK	K-9 or S-9	KK	K-9 or S-9	KK	G-11	GG	G-10	GG	G-11	GG	G-11	GG		
	Airflow Six	KL-9	KK																
	With H.C. Hd. & "6 to 1 Hd."	KL-8		KL-9 or SL-9	KK	K-9 or S-8	KK	K-9 or S-9	KK					G-9	GG	G-9	GG		
	"8"									G-10	GG	G-10	GG						
DeVaux								G-10	GG										
Diana																			
*Dodge Bros.	Four															A	AA	A	AA
	Six	K-9	KK	K-9 or S-9	KK	K-9 or S-9	KK	K-9 or S-9	KK	G-11	GG	G-11	GG	G-12	GG	I or Z	AA	Z	AA
	Senior Six																		
	Eight					K-9 or S-9	KK	K-9 or S-9	KK	G-10	GG	G-10	GG	I or Z	AA	I or Z	AA	I or Z	AA
	With "H. C. Head"	KL-9	KK	KL-9 or SL-9	KK	K-9 or S-9	KK	K-9 or S-9	KK										
Duesenberg	Models A & J			G-8	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-14	GG	G-14	GG
	Model SJ			G-2½															
*Dupont	8 Cyl.													A	AA	A	AA	A	AA
	8 Cyl.									W or G-14	GG	W or G-14	GG	W or G-14	GG				
*Durant	Model 670													G-10	GG				
	Mode 614, 619									PR10 or G10	GG								
	Model 610									A	AA								
	Other Models							G-10	GG	G-10	GG	G-10	GG	A	AA	A	AA	A	AA
Durant (Canada)	Model 407									A	AA	A	AA						
	All Others					*G-10	GG	G-10	GG	G-10	GG	G-10	GG	A	AA	A	AA		
*Elcar	Model 130, 140											G-11	GG						
	Other 8 Cyl. Models											I or Z	AA	I or Z	AA	*A	AA	*A	AA
	6 Cyl. Models											I or Z	AA	I or Z	AA	*A	AA	*A	AA
Erskine												I or Z	AA	I or Z	AA	I or Z	AA	I or Z	AA
*Essex	Six							*G-8	GG	*G-10	GG	G-10	GG	G-10	GG	W or G-14	GG	W or G-14	GG
	Terraplane	See Terraplane		See Terraplane		K-9	KK	*K-9	KK										
Falcon-Knight																			
*Flint												E	AA	E	AA	E	AA	E	AA
Ford	Four Cyl.			573	†AA	573	†AA	575	†AA	576	†AA	578	†AA	575	†AA	576	†AA	A	AA
	Eight Cyl.	G-7	GG	G-8	GG	G-8	GG	Y	AA									107S	FF
(Fronty)	Ford T																		
(Hi-Turb)										G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG
Franklin	Model 12-A															C	AA		
	All Others			G-8	GG	G-8	GG	G-9	GG	G-8	GG	G-8	GG	G-8	GG	G-8	GG	C	AA
Frontenac						*G-10	GG	G-10	GG	G-10	GG								
Gardner																			
Graham	8 Cyl.	G-10	GG	G-8	GG	I or Z	AA	Z	AA	I or Z	AA	I or Z	AA	E	AA	E	AA	E	AA
	8 Cyl. Models 42 & 49									Z	AA	Z	AA	Z	AA	Z	AA		
	8 Cyl. Other Models	G-10	GG	G-10	GG	Z-1	AA	Z	AA	Z	AA								
										N1 or G-9	GG	N1 or G-8	GG	N1 or G-9	GG	N1 or G-9	GG		
*Hertz																			
*Hudson	Six and Four					K-9	KK											A	AA
														G-10	GG	W or G-14	GG	W or G-14	GG
	Eight	K-7	KK	K-7	KK	G-8	GG	G-8	GG	G-10	GG	G-10	GG						

*Indicates AC Spark Plugs used as factory equipment. †Use Terminal Adapter 1556.
If the model you are looking for is not listed, use type of plug specified for "All Others." Every model has been checked. Space prohibits listing all models.

AC SPARK PLUG SPECIFICATIONS.

PASSENGER CARS (Continued)

MAKE	MODEL	1935 Reg. Line	1935 Univ. Line	1934 Reg. Line	1934 Univ. Line	1933 Reg. Line	1933 Univ. Line	1932 Reg. Line	1932 Univ. Line	1931 Reg. Line	1931 Univ. Line	1930 Reg. Line	1930 Univ. Line	1929 Reg. Line	1929 Univ. Line	1928 Reg. Line	1928 Univ. Line	1927 Reg. Line	1927 Univ. Line
Hupmobile	Six—Series A															Z	AA	Z	AA
	Six—All Others	Q-9	QQ	G-8	QQ	G-8	QQ	G-10	QQ	G-9	QQ	G-8	QQ	G-8	QQ	A	AA	A	AA
	Eight	Q-9	QQ	G-8	QQ	G-8	QQ	G-10	QQ	G-10	QQ	G-10	QQ	G-10	QQ	G-10	QQ	A	AA
Jordan	Models K, L, R													G-13	QQ	G-13	QQ	G-13	QQ
	All Others									G-13	QQ	G-13	QQ	G-13	QQ	I or Z	AA	I or Z	AA
*Kissel										A	AA	A	AA	A	AA	A	AA	A	AA
Lafayette		Q-10	QQ	G-10	QQ														
*LaSalle		Q-8	QQ	G-8	QQ	G-7	QQ	G-7	QQ	G-10	QQ	G-10	QQ	G-10	QQ	Y	AA		
Lincoln		G-8	QQ	G-8	QQ	Z-1	AA	Z-1	AA	Z-1	AA	Z-1	AA	Z-1	AA	Z-1	AA	A	AA
*Littlemac										A	AA	A	AA						
Locomobile														A	AA	A	AA	A	AA
Marmon	Sixteen			G-10	GG	G-10	GG	G-10	GG	G-10	GG								
	68, 8-125 Little 8 N-78, 78							G-8	GG	G-8	GG			B	AA	B	AA	B	AA
	All Others									G-10	GG	G-10	GG	I or Z	AA	I or Z	AA	I or Z	AA
*Marquette												G-12	GG						
Matheson												G-10	GG						
*McFarlan										H	AA	H	AA	H	AA	H	AA	H	AA
*McLaughlin-Buick		See Buick																See Buick	
Moon	Mod. 6-72, 6-77, 8-52, 8-82													G-11	GG				
	All Others													A	AA	A	AA	A	AA
*Nash	Six Adv. and Spec.							K-12	KK			J-9	GG	J-9	GG	C	AA	C	AA
	Model 960 to 8-1-31							G-14	GG										
	Model 960 after 8-1-31, Other Six Cyl. Models	K-12	KK	K-12	KK	G-8	GG	G-10	GG	G-14	GG	G-14	GG	G-14	GG	A	AA	A	AA
	8-70, Late 8-70							G-14	GG	G-14	GG								
	8-80, 8-90, 10-80, 11-80, 12-80			J-9	GG	J-9	GG	J-9	GG	J-9	GG								
	10-70, 11-90, 11-70					G-10	GG	G-10	GG										
	Other 8 Cyl. Models	K-12	KK	K-12	KK	K-12	KK	K-12	KK	K-12	KK	J-9	GG						
										G-12	GG	G-12	GG	B	AA	B	AA	B	AA
*Oakland												G-12	GG						
*Oldsmobile		G-9	GG	G-9	GG	G-9	GG	G-9	GG	G-11	GG	G-12	GG	G-12	GG	G-14	GG	E	AA
*Packard	Regular Heads	K-7	KK	K-7	KK	K-7	KK	K-9	KK	Z	AA	Z	AA	Z	AA	Z	AA	Z	AA
	C Turbo Heads											G-11	GG			Z-1	AA		
*Paige																A	AA	A	AA
Pierce	Model 81											G-11 W or G-14	GG	G-11 W or G-14	GG				
	Model 125																		
	All Others					G-13	GG	G-13	GG	G-13	GG	G-13	GG	A	AA	A	AA	A	AA
Pierce-Arrow	12 Cyl.	K-10	KK	K-10	KK	K-10	KK	*K-10	KK										
	All Others	K-10	KK	K-10	KK	Y	AA	*Y	AA	Y	AA	I or Z	AA	I or Z	AA	Y	AA	Y	AA
*Pierce-Arrow	(Canada) 1240			K-10	KK														
*Plymouth	Std. Compression	K-9	KK	K-9 or S-9	KK	K-9 or S-9	KK	K-9 or S-9	KK	G-12	GG	G-12	GG	A	AA	A	AA	A	AA
	High Compression	KL-9	KK	KL-9 or SL-9	KK	K-9 or S-9	KK	K-9 or S-9	KK										
*Pontiac	Std. Compression	K-7	KK	K-7	KK	K-9	KK	K-12	KK	G-14	GG	G-14	GG	B	AA	B	AA	B	AA
	High Compression	K-5	KK					K-10	KK										
Reo		J-9	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG	G-10	GG	E	AA
Rickenbacker																		C	AA
Roamer												I or Z	AA	I or Z	AA	I or Z	AA	I or Z	AA
Rockne						G-8	GG	Y	AA										
Rolls-Royce	Model N-PH									W or G-14	GG	W or G-14	GG	W or G-14	GG	W or G-14	GG		
	All Others							G-11	GG	G-11	GG	G-11 Y	GG AA	G-11 Y	GG AA	G-11	GG	G-11	GG
Roosevelt												G-12	GG						
Ruxton																			
*Star												E	AA	E	AA	A	AA	A	AA
*Stearns-Knight																E	AA	E	AA
Studebaker	1928 Dictator															E	AA		
	All Others	G-10	GG	G-10	GG	G-11	GG	Y	AA	Y	AA	Y	AA	Y	AA	Z	AA	Z	AA
Stutz		G-11	GG	G-11	GG	G-11	GG	G-11	GG	G-11	GG	G-11	GG	G-11	GG	G-11	GG	G-11	GG
Terraplane		K-7	KK	K-7	KK														
Velie												G-12	GG	G-12	GG	E	AA	E	AA
*Viking																			
*Wills-St. Claire												Z-1	AA	Z-1	AA	Z-1	AA	G-14	GG
Willys-Whippet	8 Cyl.											I or Z	AA	I or Z	AA	I or Z	AA	I or Z	AA
	4 Cyl.							G-9	GG										
Willys	Model 8-88A							G-11	GG	G-11	GG	G-11	GG						
	Other 8 Cyl. Models							G-10	GG	G-15	GG	G-10	GG						
	6 Cyl. Models	G-10	GG	G-10	GG	G-10	GG	G-11	GG	Y	AA	Y	AA	Y	AA	Y	AA	Y	AA
Willys-Knight	Series 66					Z-1	AA					E	AA	E	AA	E	AA	E	AA
	All Others					G-10	GG	G-11	GG			A	AA	A	AA				
Windsor	Model 6-60											G-11	GG	G-11	GG				
	All Others															G-14	GG	E	AA
Wolverine																			

"AC—UNIVERSAL" and "TITAN" LINES THREAD SIZES		
For all engines using a plug of the thread size shown below:	"AC—UNIVERSAL" LINE	"TITAN" LINE
⅞"—18	AA	No. 1
18 M/M METRIC	GG	No. 2
14 M/M METRIC	KK	No. 3
½" PIPE	FF	No. 4

*Indicates AC Spark Plugs used as factory equipment.

If the model you are looking for is not listed, use the type of plug specified for "All Others." Every model has been checked. Space prohibits listing all models.

TAXICABS

	Normal Service
*Bauer—All Models	A
*Braddish—All Models	E-14
Checker—1931-32 Models	D-19
1933 Models	Y
All other Models	A
*Dodge Bros.—All Models	G-12
*Driggs—All Models	Z
*Elcar—All Models	A
Ford—Model T	AC-197S
Models A, AA, B	AC-57S
1932 V-8	Y
1933-34 V-8	G-8
*G.M.C.—	
1930 31 32-33 Models	G-12
1929 29 Models	G-14
*Gotfredson—All Models	A
H. C. S. Stutz—All Models	A
Kelsey—All Models	A
*Luxor—All Models	A
Majestic—All Models	A
Moller (Astor)—All Models	A
*National—All Models	A
New Era—All Models	D-1½
*Oakland—1928-27 Models	B
Paramount	Z
Pennant—All Models	A
*Premier—All Models	A
Reo—All Models	F
Saf-T-Cab—All Models	A
*Sandow—All Models	A
Traveler—All Models	A
White—All Models	I or Z
Willys-Knight—All Models	I or Z
*Yellow Cab—Model 06 Series A	C
Model 06 Series H and 910 Series A, D, E, F	G-12

BUSES

*Ace—All Models	L-14
*A.C.F.—All Models	D-9
Acme—Model 120	D-8
All Others	L-14
American-LaFrance—	
All Models	L-14
Bridgeport—All Models	L-14
Brockway—Models 120B, 140B, 170B, 180B	D-10
All Others	L-14
Clinton—All Models	L-14
*Commerce—All Models	L-14
Concord—All Models	L-14
Day Elder—1930-31 Model 30A, B-D	
All Others	L-14
Denby—1930 Model 30	D-9
All Others	L-16
*Dodge—(Engine Models)—	
Dodge DB1, Senior, Chrysler Z, 21G, Z1L, Z2G, Z2L	L-9
Chrysler Z15, Z1U, Z1T	L-9
Chrysler CG-2-N	D-9
Chrysler CG-2-U, CG-2-Y,	
Dodge DA	D-10
Chrysler CG	D-12
Dorris—All Models	L-14
*Douglas—All Models	E-9
Duplex—All Models	L-9
Fageol — Models using Waukesha 6AB, 6RB, 6MK, 6SRK, 6SRL (beginning with Motor No. 258880), 1928 Hall Scott Engine 90	E-9
Mod. using Wauk. Eng. 6BK, D-12	
Models using Wauk Eng. 6-80, 6-110, 6-125, and Hall-Scott 125	D-9
All Others	D-8
*Fargo—Models 90, 91	L-9
Mod. 860, 881 88, 885 (Sanlor)	L-9
Mod. 83, 84, 883, 884, 885 (DA)	D-10
All Others	D-9
*Federal—Models B-15, B-20, B-25	L-9
Model U6B	D-10
Models 525, 526	I-LL or Z
All Others	E-12
*Fifth Avenue Coach—All Mod.	L-10
*Fixible—Buses—	
1932-33-34 Models	H-9
Funeral Cars, Ambulances— Models using Buick Engine	H-9
Models using Pontiac Engine	K-7
Garford—All Models	L-14
*G M C.—Model W after 1929 and Models 385, 385, 661, 683, 709, 712, 714, 715	D-10
1928-29 Model W and Models using Yellow Knight Engines	L-9
Model 780	D-8
All Others	D-9
Gary—All Models	L-14
Gotfredson—All Models	L-16
*Graham Bros.—All 6-Cyl. Models from 7-15-29	D-10
All 8-Cyl Models	Z
*Gramm—Model HYB	L-10
Models EYB, EYB	D-8
All Others	L-14
Gulfder—All Models to 1934	L-14
1934 Models	L-10
Hahn (Selden) -Mod DB, DB E-8 Models KB, LB	E-14
*Hahn—Models 110, 115B, HA-2, HS-2	D-10
All Others	L-9
International—(See Trucks) Model 189	D-7
All Others	E-9
LaFrance-Republic—	
Model A-1	L-10
Model F-3	D-10
All Others	E-12
Lansbee—1930 Models 6B, 7B,	D-9
All Others	L-12
*Marcar—All Models	L-14
*Mack—1928 to 1931 Models AB, AL, BC	E-8
Model BT	L-10
1932-33-34 Model AB and all Models BC, CL, BK, BQ	L-9
Model BG	D-8
*Mancuniner—All Models	L 10
Martin-Parry—1934 Models	D-9
All Other Models	L-14
Nevin—Model EWF	D-9
Pickwick—Nite Coach Model G-44	L-9
Pierce-Arrow—All Models	E-14
*Rehberger & Son—Mod. B-40, All Other Models	D-12 I or Z
Relay—All Models	E-9
Reo—1933-34 Models 2L, 3L, 1931-32 Model GB	D-10
1928-29-30 Model GB	C
All Others	F
Ruggles—All Models	E-9
Safeway—All Models	C
Sayers & Scovill—Models BA, BB, BC, BD, BE	D-9
Schacht—All Models	D-12
Selden—Model 42	L-14
All Others	D-9
Sterling—All Models	L-10
Stewart—All Models	L-14
Studebaker—Mod. 1928-30-31	L-9
Models 1926-27-29	E-14
Twin Coach—All Models	L-10
Union—All Models	C
*Victor—All Models	L-14
Ward-LaFrance— All Models to 1930	C
1931-32 Models	L-10
1933-34 Models	L-8
*White—(Engine Models)— Model GR8	L-10
Models GN, GR	L-12
Models 1A, 1AB, 3A, 3AD, 7A E-8	
Models 2A, 4A, 4AB, 4AD	E-9
Models 5A, 5A, 10A	D-9
W.M C.—All Models	L-10
Wilcox—All Models	E-14
*Wisconsin—All Models	L-14
*Yellow Coach—See G.M.C.	

TRUCKS

	Normal Service
A C F —All Models	D-8
Acme—Models 35-47, 56, 90L, 150, 161, 3X 10X, 43D	L-10
Models 52 56, 66, 4X, 8X, 6X, 10X, Special	D-10
All Others	L-14
*Acorn—All Models	L-14
Ahrens Fox—Fire Engine— 1932, 6NP	D-12
All Others to 1933	L-16
1933 34 Models	L-10
American LaFrance—All Mod.	L-14
American LaFrance & Foamite Fire Truck—All Models	E-16
*Armleder—All Models	L-16
*Atterbury—Models H-5, R-5, C-5, 55, 70, 100	D-10
All Others	L 14
Autocar—1933-34 Models	L-9
All other Models	L 14
*Available—All Models to 1929	L 14
1929-30 Models TA3, T44V	D 10
1932 Models T 15, T-20, T 22 D-9	
1933 Model W-749	L 12
Other 1933-34 Models	D 12
All Others	L-12
*Bickle—Fire Engines— All Models	D-9
Biedenman—Models using Cont. Eng. 19R, 20R, 28A, E402, E403; Buda Eng. H299; Lyc. Eng. AEG, ASD, ASE; Wauk. 66K	D-8
All Others	L-10
*Bridgeport—All Models	L-16
Brockway—Models 60, 120, 140, 170, 178X, 195, 220, 240, 285— Left Side	D-4½
Right Side	D-8
Models 80, 125, 150, 160, 178, 180SBT, 280	D-8
Model 180	L-8
Models 55, 75, 90 (to 1931), 296, 640-6, KA, RT, T, F-16	L-10
1931-32 Model 80	C
1933-34 Model 80	L-9
1934-32 Models	D 9
Model V1200	E-8
All Others	E-12
*Buffalo—Fire Engines— Models 7R, 7C2	D-10
1000 Gal	L-14
All Others	L-16
*Chevrolet—1936 Models	K-12
1933-34 Models	K-9
1932 Models	D-10
1929 30 31 Models	D-12
1928 Models	Z
7c 1927 Inclusive	B
Chicago—Models 1-11-A, 1-16-A, 1-20-A	D-10
1927-28 Models	B
1932 Models	Z-1
All Others	L-10
Clinton—1927-29 Models	L-10
All Others	L-14
*Clydesdale— 1931-32-33-34 Models	L-10
All Others	L-14
*Coleman—Models D4D-XX, X100 Eng. D4	L-16
Models E52 to E55G Inc	D-10
All Others	E-14
Commerce—All Models	L-14
*Concord—All Models	L-10
*Corbitt—Through 1928	I-LL or Z
1929-34 Models using Cont. Engine 16R, 18R, 20R, 21R, 22R, 25A, Series E800	D-9
All Others	L-10
*Dart—1930-31 Models 30G, 40G, 50G	D-12
1932 32 Models	L-10
All Others	L 12
Day-Elder—1933-34 Models	L-10
1930 31-32 Model 60	D-10
1930 31 32 Models 130, 160, 200, 240, 285, 345 and 1928 Models JF, KF, M6W	D-8
1928 31 32 Mod. 88, 110, 402	L-10
All Others	L-14
Defiance—All Models	L-8
Denby—All Models	E-16
DeMartini—All Models	L-9
*Diamond T—1930 Models T-20D, T 21S	D-10
All Others	L-12
*Dirco—1933-34 Models H-33, M-33Q, 1932 Models H-32, HB-32, B 32, BB-32, M-32	L-14
1934 R; 1933-34 Models K-33, L-33; 1932 Model K-32	D-12
All Others	L-10
*Dodge—Engine Models— Model 124, Dodge 130	Z
Plymouth Model U, Dodge DD-2C, CG	D-12
Dodge Models DA1-E, DA2-E, DD, DD2A, DD2E, DD2G, DP, TC1E, TAE	D-10
Model CG 3	D 8
Model TDP, T2, T4, T5, T6, T7, T8	K-9 or S-8
Models T2C, T2E, T2E, T3G	K-12
All Others	L-9
*Double Drive—All Models	L-14
*Douglas—1929-30 Models	L-9
1931 32-33 Models A 30, C8, CD8, B1T; 1934 Model C-16	D-10
1931 Model S8	L-12
1933-34 Models C-1S;	
1933 Model C-16	L-10
Model DS9	E-8
All Others	L-14
*Dover—1933-34 Models	K-9
All Other Models	D-10
*Draymaster— Models T-2½, HDD, SM	D-8
All Others	L-10
Duplex—1928 to 1929 Inc	L-14
1932-33-34 AS, K, SAC	D-10
All Others	L-9
*Eagle—All Models	L-14
Esco—All Models	D-12
Fageol (Trucks only)—Models 6-68, 6-98, 10T, 6-110, 6-125, 138, 360, 400, 690, 870 using Wauk. Engine 6SAL to Motor 268888	D-9
All Others	L-9
*Fargo—1928 Silver Dome	L-14
1929-30 31	D-10
1932 Models	D-12
1933-34 Engine Models DA1E, DA2E, DD, DD2A, DD2E, DD2G, DP, TC1E, TAE	D-10
1933-34 Engine Model CG3	D-8
1933-34 Engine Models TDP, T2, T4, T5, T6, T7, T8, L.C. Head	K-9
1933 34 Eng. Models TDP, T2, T4, T5, T6, T7, T8, H.C. Head	KL-9
1933-34 Engine Models T2C, T2E, T3E, T3G	K-12
All Others	L-9
Federal—1925-26-27-28 Mod. E	14
1929 Model 3CB	D-12
1929 Models A-8, F-7, T-3, T-8, T-21	L-10
All Other 1928 Models	E-14
1930 Models T16B, T16W, U6, 4C6	D 10
All Other 1930 Models	L-10
1931 Model D 7, A3, T8 L 10	
All Other 1931 Models	D-10
1932-33 Models A8S, A8OO, E-2, E-3; 1933 Models T-16, U6, C7, C8, X8R	D-9
1932 Models C7, C8, T10, U6 D-10	
1932-33-34 Models X8	E-14
All Other 1932 Models	L-10
All Other 1933-34 Models	L-8
Fisher—Heavy Duty, Super 8, Special 4	D-10
Junior-8X, Special X	L-10
10AX; 1934 Fast Freight	D-8
1934 Hvr. Exp	L-8
All Others	I-LL or Z
Ford—Models AA, BB	AC-57S
Model T	AC-197S
1932 V-8	L-9
1933 34-35 Model V-8	
Aluminum Head	D-6½
1933 34 35 Model V-8 Cast-Iron Head	L-9
Freeman—4-Wheel Drive— All Models	L-10

*Indicates AC Spark Plugs used as Factory Equipment.
If the model you are looking for is not listed, use tan type plug specified for "All Others." Every model has been checked. Space prohibits listing all models.

TRUCKS (Continued)

	Normal Service
2 W D —1934 Models using Waux. 6BK, 6 80 6-110	D-6
*1932 33 34 Model H 4	E-14
*1938 *31 *32-33 Models	L-16
*All Others	L-14
Garford—All Models	L-14
*G.M.C.—Using 1928-30 31 Buick Eng., 1934 Olds 215, and 1932-33-34 own Eng. 221, 287, 381, 406, 460, 468, 525, 618	D-9
Using 1927-28 Buick Engine	E-14
Using 1932 Pontiac and own Engine 200	K 12
Using 1930-31 Pontiac Eng.	D 12
Using 1927-28-29 Pont Eng.	L 16
Using 1925-29 own Engine	69.L-14
*G.M.C.—Fire Truck—All Models	D-8
*Golden State Lo-Bed Truck—Mod. using Buda Eng.	K329.D-12
All Others	L-10
Gotfredson—Model RB-34	D-10
All Others	L-14
Graham—All Models	Z
*Graham Brothers Dodge, Inc.—All 4 Cyl Models	Z
All 6 Cyl Models	L-9
*Gramm—Models AX6, BX6, D, EX 178 177	D 9
Model C	D 9
Models EY, G GY, W	D 10
Models C81B, C81B	D 12
Model HY	L 8
Models 75, T-836	L-9
Models AX4, B, BX4, CX4, CX6, CXH, E	L-10
Models C820, C821, T-820, T-821	E-14
All Others	L-14
*Gramm-Bernstein—1930 Models A, D, HV, J, K	D-10
Mod 10, 30 40 50 110 129 L 70	L-14
All others prior to 1928	L-14
*Grass-Premier—"G-P" Models 46-8, 70-8, 80S, 80-8, 879	D-8
Models 45-8 (1931) 55-8, 85-8, 85-9, 42A, 435 445 445A, 479, 485, 535, 845, 865, 875	D-10
Models 55-8, 56-8, 75-8, 85-8, 86-8, 835, 48-8 (1932), 45-8	L-10
All Models through 1930	L-14
Guilford—All Models	L-10
*Hahn (Selden)—1925 to 1928, Inc.	L-16
Models 7H, 8YNL, 11YH, 87H, 17, 37	L-10
All Others	D-8
*Hahn—Using Waux. Engine 6ZK, 6TL	D-10
All Others	L-8
*Hawkeye—1926-27 Models	L-16
Model 40	D 10
All Others	L 10
*Hayes-Anderson—Models using Cont. Eng. 16R, 18R, 20R, 21R, or Hall Scott 147	D-10
All Others	L-10
*Hendrickson—1934 Model 1565A	D-10
Other 1933-34 Models	D-12
1932 Models	E-14
1930 Model U-8	E-8
Model 38-D	D-9
All Others	L-10
*Henney—Hearse and Ambulance—Models 1162, 1164, 1065	C
Models 472-B, 474-B	E-14
Models 90, 94, 95	D-12
1931-32 Models using Lyc. Engine NDH, GRH	L-10
1932-33 Models using Lyc. Engine HFB	D-10
1934 Series 700, 900	D-9
Mods 1000 Series	D 9
All Others	E 14
*Hoffman—All Models	L 10
*Hug—Models 73 42, 41S, 43, 43L 51, 53 62RW 67, 70, 82 67K 67Q 97 6, 99	D 10
All Others	L 10
Indiana—1932 33-34	E 12
1930 Models 120, 140, 176 185, 220, 238	D-12
1930 Models 298, 640	Z
1928-29 Models 200, 300	L-14
1925 Models 15, 15, 15A	L 16
All Others	E 14
*International—1926 32 Speed Trucks 6 Cyl. 1931 27 Speed Trucks 4 Cyl.: 1930-36 Models A-1, A-2, A-3, A-3½, AL-3, ALF 3, AW-1, AW-2, B-2, C-20, M 2 W 1 W 2, W 3; 1929 32 Models H5 54 H5-94C, H5-74 H5 74C H5-104C; 1932 35 Models A 7, A 8; 1933-35 B-3, B-4, C35, C35B, C40, 1930-35 Models A-4, A-5, A-6, C30, C35, C60	E-8
1916-27 Models 21, 31, 61 61, 101, 33, 42, 63, 94, 103, 1927-28 Models 54, 54C, 74, 74C, 104C	C-12
1933-34 Model D-1; 1934-35 Models C-1, C20	G 9
*Jumbo—All Models	L-14
*Kenworth—Models 144B 164B	L-7
Models 205A, 240A 340, 348, 388, 1468, 1868	D-8
Models 241A, 241C 346A, 348C, 386C	D 9
Models 70A, 70B, 1018	D 10
Models 70, 85A, 108A	D 12
Model 97	L-7
Models 98 99	L-8
Models 241 348B	L 12
All Other Models	L 10
*King Zeitlein—All Models	L-16
*Kleiber—Models through 1928 Models using Cont'l Eng. 16R, 18R, 20R, 21R, 22R	D-9
Mod. using Buda H260, H366	D-12
Models using Herc. JXB, Cont'l E601, E603	L-12
All Others	D 9
LaFrance Republic—Model 35-6	D
Models M 2, H 3, H 6, F 3, E-1 D 2	D-10
Models 35-2, 29-3 M 3, H 3, A-1, D-1, D-2, C-1, C 2, E 2	L 10
All Others	E 14
Lange—All Models	C
Larrabee—Models 40, 80, 90, 70, 80, 48, 88, 88, 78, 88	D-8
All Others	L-16
*LaMoon—1928 through 1933	L-16
Models HB12, HB28, HB38, HB46, HB60, HD50, HB48, 701, 801 and 1928 Model using Waukesha Engines SRL	D-12
All Others	L 12
Lendlington—All Models	L 14
Leyland—All Models	D 8
Lombard—All Models	L 16
*Marzer—1933 Mod. 80-A 88-A	L 10
All Other 1933 Models	D 10
All Other Models	E 14
*Mack—Mod. AB-6, BF, BG, BL	D-8
All Others	L-16
*Mack Fire Equipment—Model BG	D-8
All Other Models	L-8
Marmon-Herrington—Models T-30-4, T-30-6	D-16
Mod. using Herc. Eng. HXB, HXC, HXD	D-10
All 1933-34 Mod. except A16-4, A20-4	D-10
All Others	L-10
*Master—All Models	L-14
Master—Fire Truck—1928 through 1928	L-14
1928-30-31 Mod. starting with 8-22-28	L-9
1931 Models 1062	L-14
1932-33 Models	D 7
*Menominee—Mod. to 1928 Inc.	L-14
Model A-16 and all 1933-34 Models	D-10
All Others	L 10
Meteor—Chassis & Ambulances—*1933-34 Models Buick Eng.	H 9
*1934 Models Olds Eng.	C 9
*1934 Models Pontiac Eng.	K-7
Early Models (Cont'l Engine 12K, 155)	D 12
Early Models—All Others	L-10
*Monarch—Fire Trucks—All Models	L-10
*Moreland—1931 Models EXT, EX-18, HT, M-24	D-8
1928-30 31-32-33-34 All Mod.	L-10
All Others	I-LL or Z
*National—All Models	L-14
*National—Associated Models B-114, B-124	D 12
Models C-134, C 184 C 186	L 12
Nutes—Models using Buda Eng. Wauk. BTL, BBK	D-10
Models using Lyc. Eng. AEC, HFA	D 8
Models using Wauk. Eng 6MK, 6MZ, 6-SRL, 8-SRK, 6ZK and Herc. WXC	L 10
All Others	L 14
*Noble Mod. 156B, 156W, 186	D 12
All Others	E 14
*Oneot—All Models	L 10
One da—All Models	L 14
*Oshkosh—All Models to 1932.	L 14
All 1932-33-34 Models	L-10
*Peter Pirsh Fire Trucks—Models Cont. 15R, 16R, 17R, 18R, 19R, 20R, 21R, 22R, E400	D-8
Models Wauk. 6-125, 6RB (1934)	D-10
Pierce Arrow—1932-33 34 Model 13S385	L 12
Other 1932-33-34 Models	L-8
Models PT, PW, PX, PY, PZ	L-9
All Others	I LL or Z
*Pontiac—1930 Models	D 8
All Others	B
*Rehberger & Son—All Models	I-LL or Z
*Reiland & Bree—Models using Cont. Eng. 18R, 19R, 20R, 21R, 17E, E-603	D-10
All Others	L-10
Relay—Models 15A, 15B	D-8
Model 190A	W or U-14
Model 190B	E-14
All Others	L-10
Reo—1933-34 Models	D-10
1932 Speed Wagon, All	D-8
Models FD, DC, DF	D 12
Models F, FA FC FD, FE, FF FH GA, GC GD	L 9
All Others prior to 1928 Inc.	F
Rockne—1933	D 9
*Rugby-Durant—1930-31 Mod.	D 10
All others through 1927	L 14
Ruggles—All Models	E 16
Rumley—All Models	L 16
*Sandow—All Models	L 14
*Sanford—1930 Models AX, F, FL, O	D-12
1931 32 33-34 Models 810R, 821R, 788, 787	D-10
1931-32-33-34 Models 3R, 106RB	L-10
1933-34 Models 303, 805	D-8
All Others	L-14
Sauer—All Models	L-14
Schacht—All Models	L-14
*Seagrave—Models 6GF, 8ST Standard, Sentinel G, Cavalier, Servicy	D-8
All Others	L-10
*Selden—Models 7C 17C, 37C, 77, 77C, 817C,	L 10
Models 29C, 47CB, 47 CD, 67, 87C, 37CR	D-8
All Others	L-16
*Service—All Models	L 16
Standard—To 1931	E 14
Models using Cont. Eng. 17E, 11R	D-8
Models using Cont. Eng. 18R, 18R, 21R	D-10
Models using Cont. Eng. W-10	L-8
All Others	L-10
Sies-H-Drive—1930-31 Truck Chassis—Chevrolet	D-12
Ford Model A, AA	AC 8TB
Stewart 30 30X	E 9
*Sterling—Models DB 6, DC 25, EW 27 F6SDDE, F6SDDE	D-10
Models F930 F835, F840, F850 F860	D-12
Models FC140F, FD140F, FBT152, FDT162, FCT200, FDT208	D-8
All Others	L-10
*Stewart—1925 thru 1930 and 1931 Models 19X, 19X 30X	E-9
1931 Models 29XS, 32X 36X, 38-8	D 9
1932-33-34 Models 29XS, 32X, 43X, 48X, 50X, 1934 Mod 18X	D 9
38-8, 48-8, 56-8	D-8
1931 Models 27X, 31X, 38-8, 1932 Models 36, 39X	L-9
1932-33-34 Models 18X, 19X, 27XS, 31X, 40XA, 41X, 42X, 44X, 36-8, 1932-33 Mod. 18X	L-9
*Stoughton—Models N, N, W and 1932 Model K using Cont. Engine E-600	D-9
Model using Herc. Eng.	L-10
All Others	L-14
Studebaker—Models using own Eng. 53, 54, 70, 71, 80	L-10
1932 Mod. using own Eng. 88E	E 8
1933 Models W94, W95A, W98A	E-8
1933 Models and Other 1934 Models	D-8
All Others	I LL or Z
*Super Truck—Model 70E4	L 10
1930 31 32 Models 80D 8	A10
1933 Models, 1934 Models with Buda Engine	D-10
All Others	I-LL or Z
Terraplaner—Commercial	K-7
1933-34 Models	K-7
*Thorn-Gas-Electric—Mod. A-2	L-10
Model B-2	L-16
All Others	D-12
Traub—All Models	L 14
Traylor—All Models	L 14
*Twin City—All Models	L-14
Twin Coach Trucks—All Models	L-10
*United—All Models	L-14
U. S.—Model S	B
All Others	L-14
Valley—All Models	L-14
*Victor—All Models	L 16
*Wauchusett—All Models	L 16
*Walker—All Models	L-16
*Walter—1932 33 FN	L-12
1934 Model FN	D-8
All Others	L-14
*Ward-LaFrance—Models using Lyc. Engine AEC	D-9
Models using Wauk. Engine SRL 6-110 to 1933	D-10
Models using Cont. Eng. 12K D 12	1933 Models L 12
1934 Models using Wauk GU	L 10
1934 Model using Waukesha MK	L6 or D8
Other 1934 Models	L-8
All Others	L-10
*Ward-LaFrance Fire Trucks—Models 30F, 40F	D-10
Models 50F, 60F, 90F, 100F	L-8
Models 86F, 75F	K T
Wheeler—All Models	I-LL or Z
*White (Eng. Models)—Models GK, GKA	P
Models GRB, GRC, GRCB	L-10
Models GEC, GO, GN, GR	L-12
Models 5A 5AD, 5A, 8A	D-8
Model 9A	D 9
Models 1A, 3A 1AB 3AD 7-A	E 9
Models 2A 4A, 4AB, 6AD	E 9
Model 8 A	W-8
*White (Tractor Trucks)—Model 81B	E-9
Model 60T	D-8
*Wichita—Model 6-78	D-10
All Others	L-10
Willys-Knight—Models C-1R1, C-11S, C-18I	D 10
All Others	L 14
Wilcox—All Models	L 14
*Wilson—All Models	E 14
*Wisconsin—All Models	C
*Writt-Will—1929-30-31-32 Models R4, R4X, R6 R6X and 1931 Models R2, R2B, R3B	D-12
All Others	L 14
Woods—All Models	L 10
World—Model D-8	D-12
Model using Lyc. GU	D-8
All Others	L 14
*Yellow—All Models	L-10

*Indicates AC Spark Plugs used as Factory Equipment.
If the model you are looking for is not listed, use the type plug specified for "All Others." Every model has been checked. Space prohibits listing all models.

INDUSTRIAL EQUIPMENT—MISCELLANEOUS

AC Type

*Adco—Stationary Engines—
All Models ..... F
*Adams-Gracter—Models using Buda Eng. H-199 and H-298..D-14
Archor Mixers—Models BS, BM, PMJ F-10½
All Others L-12
*Austin—Rollers, Sweepers, Graders, Excavators—Engine Model Buda K-369, K-328, KT-281, Wisconsin AF..... D-10
Models using Buda Eng. KTU, DW-8, and Hercules WXC, H, Wauk. FSU, Case and Hart-Parr L-10
1932-38 10-Ton Road Roller.... F
I. H. C. Engine I-30..... E-9
Buda YTU, DW8 ..... L 14
*Automatic—Industrial Engines—
Mod. SR-4, SR-8 thru 1928 ..... Q or F
Inc. ..... Q or F
1929 Models SR 4, SR 6 C
1930 31-32-33-34 Mod. SRA-4, SRA 6 ..... L-10
*Baker-Monitor—Gasoline Engines—All Models ..... U
*Barber-Green—Conveyors and Mixers—Models 2A, 24A, 2B, 28A, 28, 37 (Cont'l Eng.) L-10
Conveyors with LeRoi Eng. L-12
Models 42B, 44C, 82A, 82B, 84, 38B, 82, 82A, 88A, 89 ..... L-14
Model J E-12
Model 44CP ..... E 14
Model 48B (1931) ..... F or Q
Model 48B (1934), 61, 72. K 7
Model 84A, 78 ..... D-10
*Bay City Shovels—Models R, S Models TS, B ..... E
Model K-2 ..... E 9
Model 62 ..... L 12
All Others L-10
*Bean Spray Pump—
4 N P. 1924 1926 ..... A
All Others 1076
Black Bear—Oil Field Engines—All Models ..... R
Bluffton—Washing Machine—Ideal Air Cool 1 H.P. Engine. F
*Bovaird & Co.—Oil and Gas Well Pumps—2 Cyl. Models..1078
4 Cyl. Models 578
Brewer-Republic—Models using Fuller & Johnson..... E-12
Models using LeRoi Engine ..... A
Models using Lauson Engines C
Models using Stover Engine Z-1
Models using New-Way Eng G-14
Briggs & Stratton—All Models G 8
Brown—Hoist & Power Units—Models using LeRoi Engine..E-12
Mod. using Herc. ZXA, ZXB K-9
All other Models using Herc. Engine L-10
*Buckeye—Traction Ditcher—All Models L-10
*Bucyrus-Erie Shovels—Models using Wisc. Eng. N-2..C-10
Other Mod. using Wisc. Eng. S-14
Models using LeRoi Eng.....E-13
Model using Wauk. and Herc. Engines ..... L 10
*Buda—Diesel Starting Engine—Models 1 D F-10½
Buffalo—Industrial Engine—Model BA ..... A
Model CE ..... B
Models R, RA C
Models RA4, RA6, AH4, AH6, AH8 ..... L-10
Buffalo Springfield—Road Rollers—All Models L-10
*Buhl Air Compressor—All Models ..... E
*Butler—Sweepers—All Models . A
*Byers Bearcat—Cranes & Shovels—Bearcat Junior using Buda H-173 ..... D 10
Other Models using Buda ..... L 14
All Others L-10
*C. H. E.—Engine Models—Waub V DRL 6MXL, 8MXU, FKJ L-10
Fuller-Johnson BCL, AX and Stover Engines E-12

AC Type

Harley-Davidson FS12, FM9...G 6
All Others ..... L 12
*Chrysler—Model 7-800 ..... L 10
Models CM-800, PA-800 ..... D 12
Models PC, PJ ..... K 12
*Clark—Industrial Units—Truck Lift, Model B ...AC 578
Clarktor 6 ..... K 9
All other Models L-12
*Cleveland—Paving Equipment—All Models ..... A
Coldwell—Lawn Mower—All Models ..... A or G-14
*Columbia—Gas Heaters—All Models ..... B
Concord—Fire Pump—Model F 30 578
All Others ..... A
Continental Electric—Generator Sets—Model PE-4A ... L 12
Model PE-4E, PE-6A ..... G 8
Model PE-C6 ..... G 8
Model PE-6B ..... D 10
*Model FE13 SIBD O-9
Cooper Bessemer—Engines and Compressors—Model H-19 F-10½
Model 40 ..... L 12
Models G-AG, G-AO, G-AU, G-DJ, G-DQ, G-DT, G-AW, 60 ..... L-14
All Others L-10
Cooper—Power Mowers using B & S Engines ..... G 8
CP—Air Compressors—All Models L-10
*Dexter—Washing Machine—All Models G-14
Demark—Air Cooled Engine—All Models D-9
Easy Washing Machines G-10
*Elgin Sweeper—1932 33-34 Models L-12
All Others ..... A
*Farquhar-Harrisburgham—Industrial Engine—All Models..F
*Erstad—Industrial Engine—All Models 1075
*Fords (Myers-Sherman) Portable Hammer Mills—Using Buda HS6, BU5 ..... L-7
Using Wauk. SRK ..... L 10
All Others ..... D 9
*Fraser Gas Heating Appliance—All Models ..... F
*Fuller-Johnson—Industrial Engine—Model AB C
Model AH ..... B
Model BA G-14
Model J 1078
All Others ..... A
Galion—Graders and Rollers—Using McCormick-Deering and Allis-Chalmers Engine E-9
All Others L-10
Galloway—Engines—All Mod. 1078
*Gardner-Denver—Air Compressors—Models using Buda Eng. H-199 and H-173 and Wisc. AG D-10
Models using Hercules DOC and Cushman CUB ..... L 10
Models using Caterpillar L-9
Models using LeRoi and Cushman Husky D-9
Models using Herc. DXA... K 9
All Others ..... L 14
*General-Excavator—All Mod...L-10
*Gilson—Agricultural Eng. 1078
Hall Scott—Cranes G-9
Distellatia Crabs ..... G 13
All Others L-10
*Hardie—Sprayers—Models using Wauk. FS, FK ..... L 10
Models using Novo..... F or Q
Models using Stover E-9
Hercules Industrial Engines All Models ..... AC 1078
Harcules—Stationary Engines—All Models AC-1078
*Hobart Bros. Welder—Using Buda Eng. H-173 and J-214..G-14
Model DR Amplex. ..... A
*Ingersoll Rand—Compressors—Gasoline Engine ..... A
Oil Engine ..... "16"

AC Type

*Insley Excavators—Engine Model R..... D 10
All Others ..... L 14
International Harvester Stationary Engine and Power Units—McCormick-Deering Z H. P. Models 200, 300 ..... E-9
All Others C-12
*Jaegar Lakewood—Refer to "Commercial Engines" used.
John Deere—Stationary Engines—Model W L-12
*Johnson—Models U 11, U-18, U-18 ..... G-11
*Jumbo—Stationary Engines—Models B, B Vertical and HB Horizontal G-12
Kinney—Road Oil Distributors—Standard Model L-10
1931 32-33 Junior Model D 12
1934 Junior Model ..... K 9
Kisser Screw Remover—1927-28 Models L-12
All Others E-12
*Koehring Road Pavers—Engine Model S-SRL to 1930..... G-14
Eng. Mod. 6-SRL after 1930. L-14
Wisc. Eng. B, M, D2, D4, K...E-14
Wisc. Eng. E, E-2 and J. T. L-14
Case Engine L-10
LeRoi Engine E-12
Buda Engine H298..... D-10
Briggs & Stratton..... D-9
All Others ..... A
Lauson—Industrial Engines—*Model RAY ..... J 12
Models RA, LA, W.. ..... D-9
Models VA, UA E-12
All Others L-10
Lawton Air Compressors, ... E
LeRoi Industrial Engine—All Models E-12
Lima 101 Shovels, Cranes—Type 302 ..... L 14
Types 404 502 601, 801 ..... L-10
*Lincoln—Cement Mixers—Models using Buda J 214 ..... D 8
Mod. using Buda H-298, K-303, K-428 ..... D-10
Models using Buda BA6, DW 6, HS6 ..... L 14
Lorain—Model 50 ..... D 10
Model 30, 37, 40 ..... D 10
All Others ..... E 9
McCormick-Deering Stationary Eng. —See International Harvester
*Marion Shovels—All Models L-7
Mar Tan Engines—To 1929 B, EA, EB, F M V ..... F
Models 1928 20 Inc ..... B
EA, EB, HC ED F M, V G-12
Maytag Washing Machines ..... R
Midwest—Power Lawn Mower G 9
Minneapolis—Cotton Gin Power Units—All Models E-9
Multi-Plate Traction Paver—Models using Cont'l Eng. 31B..D-8
Models using Herc. Eng. YXC, YXCU, Wauk SRK L-10
*Muncie—Industrial Air Cooled Engine G-12
New Way Motor Co.—Twin Motors G-14
Northwest Shovels—Models A and B ..... E 9
Mode 4 ..... D 9
All Others ..... D 10
Novo (Engine)—All Mod...F or Q
*O. K. Air Compressors—All Models L-10
Oliver Hart Parr Industrial Equipment—All Models L-6½
Olympia Ross—Fire Pump—Type D ..... G 8

AC Type

*Orton—Cranes and Shovels—Hercules Engine OX..... L-12
Waukesha Engine 6TL D-10
All Others L-10
*Osgood Cranes ..... B
P & H Excavators—Mod 208A D-12
Model using Wauk. Eng. ..... A
*Parsons—Ditchers, Backfillers,—Models using Wauk. Eng... L-10
Models using Twin City Eng. E-9
Models using Wisc. Eng ..... E 14
McCormick-Deering Eng. C-12
*Pettin Bros.—Pettin Economy Gas Engines ..... F
*Perfaction Power Sprayer. ..... F
*A. L. Powell Power Co. W or G-14
*Ready Power—1932 Models FAM, FCM, FAS, FCS, MBA, FB ..... I-LL or Z
1933-34 Models D, DA, DB, FCM MPA ..... Z 1
Model EAM, ECM, EHM ..K 12
Model D, DA, DB Z-1
All Others ..... B
*Ross-Carrier—All Models L-10
*Sanderson Cyclone Drill—Industrial ..... A
*Schram Air Compressors and Electric Welders—Models using Buda Engine H-199, H-298, J-214, H-288 ..... G-11
Using Light Model H ..Tractor G
All Others L-10
*Seneca—Up-Row Plow K-12
*Smithwell—Welding Set—Engine Model G 8 C
Compressed Air Model ..... F
*Serg Motors ..... F
Standard Separators ..... F
*Star—Drills and Power Shovels—Models using Herc. Eng. IX..D-10
Models using other Herc. Eng. and Wauk. Engine..... L-10
Mod. using L.H.C. Eng. 22-36..C-12
Models using LeRoi Eng. E-12
Stover—Engines—Eng. CT4 .. E-12
Engine DXA L-9
Engine DVA D-7
All Others E-9
*Sullivan Portable Air Compressor and Drills L-14
Superior—Oil Field and Commercial—Two Cycle Models, Types B, C, D ..... Z
All Others 1078
*Sylvester—Engines—All Models... F
Transit—Pumps—Vertical Engines L-14
Twin City—Engines—All Mod. E-9
*Undiluf—Models A1, A2..... 1078
Models B2 ,B4 ..... B
Models C2, D2 ..... A
Models DC2, EC-2 ..... G 10
Mod. DM2, EM-2, EV-4, M.. K-9
*Unit Corp. of America—Excavators L-10
*Universal Industrial Engine—All Models E-9
*Unit Power Shovel—Models using Foredson Engines AC-1078
Models using I.H.C. Farmall Engines C
Models 3 16, 5-12 ..... A
Model 6-16 ..... D 10
Utilimotor—Power Mower G-11
*Vaughn Drag Saw ..... F
Wade—Portable Drag Saw—AC-1078
All Models AC-1078
Wallace—Forest Fire Pump . .E-9
*Willamette Erstad—Model A ..... AC 1075
Model CP ..... L 10
Models B, C ..... A
*Worthington—Pumps, Compressors—All Models ... L-10

COMBINES

	Regular Line	Long Life Line
*Avery—All Models .....A	L-14	
*Case—All Models .....Y	L-9	
Caterpillar—Models using Ford Model T Engines F	—	
Models using Own Eng. Y	L-9	
Using Wisconsin Engine E	E-10	
Curtis—All Models .... A	L-14	
John Deere—All Models..—	E-10	
Gleaner-Baldwin—Models using Ford Mod. T Eng..F	—	
Models using Ford Model A Engine AC-978	—	
All Others ..... E	E-10	

*Indicates AC Spark Plugs used as Factory Equipment.
If the model you are looking for is not listed, use the type plug specified for "All Others." Every model has been checked. Space prohibits listing all models.

COMBINES (Continued)

	Regular Line	Long Life Line
Harris—All Models	E	E-14
International Harvester— Thrashers 7, 9, 8, 10, 11— Thrashers 30 and Hay Press	C-12 E-8	
McCormick-Deering— All Models	E	E-14
Massey Harris— All Models	E	E-14
Minneapolis Moline— All Models	E	E-14
National—All Models	A	L-14
*Nichols & Shepard— All Models	A	L-14
*Runely—All Models	A	L-14
Sunshine-Waterloo— All Models	—	E 10
Wood—All Models	A	L-14

MOTORCYCLES—BICYCLE MOTORS

*Ace	O-7
*Briggs & Stratton Motor Wheel	O-7
Cleveland	O-7
*Excels or	O-7
Evans	O-7
Harley-Davidson—Through 1928 Inc.—Models 81 and 74 cu. in. displacement	L-7
All Others through 1928	L-9
All Others	O-7
*Henderson	O-7
Indian—1933 Models 234, 334, 434, 534, 634, 1934 Models	K-8
All Others	O-7
*Johnson	O-7
Nere-A-Car	O-7

MARINE ENGINES—INBOARD

Alfco—1933-34 Models	E-6
1931-32 Models	Y
Anderson—All Models	F
Automatic—Models 1928-34 Inc	C
All Others	G-8
Barker—Ford Conversion Model T @ 900 R P M.	U
Model T @ 1200 R P M	F-10½
Model A @ 1500 R P M.	Z
Model A @ 2200 R.P M.	Z-1
Bridgeport—All Models	F
*Brunswick Standard—Models N 4, E 4, D-6	B
All Others	E-8
Bull—All Models...NN-1 or D-8	
*Buchanan Bull Dog—Models using Cont'l Engines H-8, 16C, 20L, 25	Y
Models using Cont'l Eng. 12K G-10	
*Buda—1930-31-32-33 Series HM, KM, M	D 9
1933 Series GM	E-9
All Others	L-9
Buffalo—1931-32-33 Model BA	A
All Other Models	L-10
Cady—Models CA, COX, COXC, ACE	E
All Others	F
*Capitol—1930 Liberty 12 L C. Hispano Suiza 220, Curtis OX-8	N-1 or G-9
Models T-12, T-12S, Wright H 8 Liberty 12 H C.	N or D-7
Model WA-8	D 8
All Other Models	Y
Chris Craft—1930 Models	G 8
All Others	G-8
Chrysler—1930 Crown Majestic, 1933 Ace, 1933 34 Crown, 1934 Y	G-8
1934 Models CM, CV, CJ, PC.	G-10
1931-32 Majestic Types C and CMR Crown Types A or C Downdraft, Crown Types A or C and CR Updraft	G 12
Chrysler "Four"	G-14
Imperial Types A or C, Imperial AMR Downdraft, 1934 L-272	Z-1
All Other Models	NN or E-8
*Curtis OX8—All Models	G 8
*Cyclone—All Models	Y
Detroit Marine—All Models	G-8
Dodge Water Car—Models using Universal Engine	G-10
Models using Chrysler 8 Engine	NN or E-8
Gray Hall Scott, Scripps and Lycoming Engines	G-8
Duncan—Models through 1931 A 1932-33 Models	A Z-1
*Elco—Models F-6, F-42, F-62 Y Model A-4	A
Erd—All Models	A
Evansville—All Models	F
Falcon—All Models to 1931 1932-33 Models	A Z-9
Farr—Models 6-82, 6-92, 6-102	N or D-7
All Others	Z
Fay & Bowen — Challenger, Conqueror, Defender, T, T-3	Y
All Others	E
Faybow-Continental—Challenger, Conqueror, Defender Y Racer	G-8
All Others	E
*Gilford Wood—1932 "Midshipman" I, Design 1933 "Midshipman" II	G-8
Gar Wood — 1929-30 Models T-28, T-29, T-30, TS-30	G-8
1931-32-33-34 Models T, TS, F-6-A	G-4½
1934 Models using Chrysler or Scripps Engine	G-10
Gray— 1926 27 28 29 Models 6 60 & 70 Models 6-40	B
1926 27 28 29 30 Models 1-8, 2 10, 6 90	L-14
1923 26 28 Models 4-41, 17-27, 31	Z
1929 30 Eight H S.	G-8
1930 Models 6-40, 8-90	G-10
1927-28-29-30-31-32-33 Models 5-68, 8-70, 6-72, 6-75, 6-81; 1932 Models 4-34, 4-36R, 4-41	
H. S., Phantom 40; 1932-34 Models 4-44 H S. 6 44R, 4-90 H. S., 4-56R; 1932 Fisherman 8, 1934 Models 8-72R, 8-76, 8-76R, 4-20R, 4-40R	L-9
1928-29-30-31-32-33 Models 6-41, 4-41R, 4-45; 1930 Model 4-44, 1931 32 Models 3-92; 1932 33 Models 4 20, 4 35, 4-35B 4 86 4-90 5-30 8-72R; 340, 380 4 86 530 1933 Fisherman 4 1934 Models 8-72, Four 20 340 380, 380R 480, 480R, 530 530R	L-10
1928 29 Model Eight; 1930 31-32-33 Cruiser Eight; 1932 Models Lt. 4, 4-10, 8-80, 8-85, 6-83, 8 85; 1933 Models Lt. 4, H. S., Lt. 4R; 1933 Six 90, 1934 Models Lt. Four H. C., Lt. Four R	D-8
1931-33 Models 8 H. S., 1927-32-33 Phantom 8	D-8
1932 Phantom 4, 1934 Phantom 8 Special	D-8½
1933 Model C-4 1934 Models C-4, C-8, Four 40 Four 40-B, Six-91, Six-81R, Phantom Lt. 8	D-7
1932 Phantom 6; 1933 Phantom 4, Phantom Flier, Blue Streak, Phanton 6-86, 6 86R	K-8
1932 Models 6-50, 6-56, 1933 Models 6-56; 1934 Sea Scout..K-10	
1932 Phantom Flier	L-7
1932 Light 4, MD	D-10
All Others	L-13
Hall-Scott— Models prior to 1929	L-16
Model LM6A	G-8
All Other Models	G-8
Kermath—Models K, L, M, N, V, B	N or D-7
Models Sea Mate, Sea King	K-8
All Others	L-10
*Lathrop— 1933 Models LH-4, LH-6	J-9
All Other Models	B
Lockwood—All Models	N-1 or G-9
Lodge Motors— Models 4-40, 4-50	L-12
Models 8-100, 8-135, 8-75, 8-150	E-9
*Long Island— Model B or T-22-32	G-11
Models H, HR, L, M, MO, MS, BO and B (after 7-22-32)	E
All Others	F
Lycoming—All Models	G-8
Lyon and Tuttle— Mod. 80 N or D-7	
*Mack—8 Cyl.	G-8 or D-9
Marinobile—Models using Ford T Engine	AC-107B
Models using Ford A Eng.	AC-87B
Monmouth—All Models	A
*M. and T.—Models J-6, K-6 through 1930	G-13
1930 Model K	G 8
All Others through 1930	C
1931-36 Inc. Model K-6, 1934 Model BJ-6	G-7
All Other 1931 32 Models	G-12
1933 Models M-4, M-8, L.S.	G-10
1933-34-36 Models M-4, M-6, H. S	G-7
1933 Model MO-4 MO-6 L S.	G-12
1933 Model MO-4, MO-6 H S.	G-7
1934-36 Models OC-4, OC-6, OCX-6	G-12
*Nissen—1930 Models	G-6
1928-29 Special	A
All Others	F
Packard—Models 1M-368, 1M-387	1 or Z
Model 1M-621	E
Models 1M-1242, 2M-1581	G-2½ or G-7
Palmer— Model NK-4, SK, HH	A or Y
Model BW	G-10
All Others	C
*Peerless—All 4 Cyl. Models	F
All 6 Cyl. Models	C
*Pontiac—1930 Models	G-14
All Models to 1928 Inc	B
Red Wing Thorobred— Arrow Jr. 1932	D-6½
Models D, DS, K, Arrow Jr. to 1932, XJR, Courier Z-8, Warrior W-8	E
All Other Models	C
Regal—Models V, BA, NB HA, GB, GC, GF, MTF	Z 1
All Others	Z
*Roberts—Models A, J, RS	F
Model OX	C
Model HS	G-14
Model 40	G-8
All Other Models to 1933	A
1933-34 Models D, AS, F	L-14
1933-34 Models C, Csp	L-10
Russell—Heavy Duty Engine	107S
All Others	E-8
St. Lawrence—All Models	F
Sanderson Cyclone— Models A AR	Y
Scripps—Models D-2, E-2, F-4, F 5	L-10
1929 Models 168, 172, 176, 172, 202 1930 Model 64	G 8
All Others	G-8
Speedway Model MC	E-8
All Other	A
*Standard—All Models	A
*Stearns—All Models	B
Sterling—Model Neptune, F or Q Model Sphinx DRS-6, GRS 8	E-9
Model Petrel L-6 Special	E-8
All Others	L-10
Twentieth Century—All Models	A
*Universal (Blue Jacket)— 1932 Model WM	107S
1929 Models N, NB, GLS	D 8
Models K, C, SM, SH, WMV, VH	NN or E-8
Models N GL, W, NB	E-8
Model CSH	C
Model AR	G-8
Models AB, CE CFN, CS, CSH, AD, ADS, AF, AFS	G-11
All Other Models	G-7
Van Blerck— Model Van Blerck, Jr.	G-8
All Others	A
Winton—All Models	L-10
Wisconsin—All Models	A
Wright—All Models	N or D-7

MARINE ENGINES—OUTBOARD

*Callie—Liberty Twin, Jr. 10 and 12	E
Liberty Single Master 20 and 22, Racer 30	C
Commodore 32, Admiral 42, Master 24	G-10
Comparison 14, Motorgo Jr. 14, 18, 18, 18A, 21, 28, 28	G-8
Model; 26 26	G 4½
Motorgo Sr and Big Boy	G 8
Model 38A Racer	G-3½
All Other Models	G-7
*Cross Racial— Model RADIAL	W or G 16
Model 543 S	G-6
Model 542 S	G 3½
All Other Models	G-8
Elto—1929-29-30-31 Out. T, Out. K, Speed, 23K, Speed, 28K, Lightweight Serv. Speed., Speedster, Sr, Speedster, Foldlight, Special Speedstar	G-8
1929 Serv. Quad. Hi-Speed Quad	G-8
1930-31-32 Racing Super "C" 1933 Super "C" Senior Quad	G-9
Model Four Sixty 1933 Racing Super "C," Midget Racer G 2½	
All Other 1930-31 Models	G 3½
All Other 1932-33 Models	G 4½
Evinrude—1928 Models	AM
1929 U Speedtwin, F Fleetwin, H Fastwin, N Sportwin, U Utility Single	G 8
1930 31 Lightwin, Foldlight	G-8
1931 32 Racing Speedster	G 3
1933 Speed twin (Rotary Valve)	G 3
Model Four Sixty and 1933 Racing Speed twin	G 2½
All Other 1929 30 31 Models	G 3½
All Other 1932-33 Models	G 4½
Hartford—All Models	G-8
Indian—All Models	G-14
*Johnson—Engine Models *All Single Cyl. Models, Models A to A-40 Inc., Old Light Twin, All OA Motors Std. Light Twins	*N-1 or G 9
Other Models	G-4½
For Racing— Average Speed	G-2½
High Speed	G-1½
Lockwood—Models A, B, T	G-7
Racing Chief	G 3
Ace, Chief	G-4½
Foldlight	G-8
Model Four Sixty and Chief using Own Engine 193	G-2½
Motorgo—Motorgo Jr., Motorgo Sr., Motorgo Big Boy	G-8
Neptune Twin—1931 Models OB 19 OB 19A, OB-19S	G 7
1932 33 OB 19	G-9
Other 1932-33 Models	G 7
All Others	W or G-14
Sportway Superb Twin and Sturdy Single	G-13

TRACTORS

	Regular Tractor Line	Long Life Line
*Allis-Chalmers (A.C.)— Model U	Z-1	Trac. 12
1932-33 Models	—	Trac. 8
1934 Model W	K-12	—
1934 Models KO, LO	"16"	—
Model WC	K-14	—
All Others	C	Trac. 12
Aro—All Models	F	—
Atlas—All Models	Z	Trac. 12

*Indicates AC Spark Plugs used as Factory Equipment.
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TRACTORS (Continued)

	Regular Line	Tractor Line
*Auitman Taylor—		
All Models	..A	Trac. 12
*Austin (Ind.)—Mod. using Buda H-288, K-213, K-369	G-10	D-10
Models using I.H.C. 1-30	E-9	Trac. 9
Models using Wauk. VIKH	"18"	—
Mod. using Wauk. FS, XAH, Hart Parr 28, 45, Hercules E, Case LI	L-10	Trac. 9
Models using Buda K7281, D-VH, YTU.	L-14	Trac. 12
Autocar—1933-34 Model	.....	Trac. 9
All Other Models.....	A	Trac. 12
Automatic— All Models.....	G or F	—
*Avery—1928 Models B, 1D, 1S, Track Runner, Road Maintainer	.....	Trac. 12
All Others	F	—
Bailor—All Models	A	Trac. 12
Baker—All Models....	C	Trac. 12
Barber—All Models....	F	—
Bates— Models 35-6S.....	"16"	—
All Other Models.....	A	Trac. 12
Beaver—All Models....	C	Trac. 12
Beeman (Garden)— Junior Model D	G-12	
Light Four	.....	Trac. 9
All Other Models....	F	—
*Best—All Models	E	Trac. 12
Bolens—Models through 1927	A	Trac. 12
All Others	G-12	D-12
Brennan (Engine)— All Models	B	Trac. 12
Briggs & Stratton (Eng.)—All Models	G-9	D-9
*Buda (Early Model)— All Models	.....	Trac. 12
Buffalo (Engine)— Model BA	A	Trac. 12
All Other Models...Z-1		Trac. 9
*Case—Models through 1928	A	Trac. 12
All Others	Y	Trac. 9
Caterpillar—All Mod., through 1935	.....	Trac. 12
Diesel Starting Eng....	.....	Trac. 9
All Other 1931-32-33-34	L-6	—
Centaur (Garden) (Road) All Models ..A		Trac. 12
Cletrac—All Models	.....	Trac. 12
Climax (Engine)— All Models	.....	Trac. 12
*Continental (Eng.)— Model P418	D-10	—
All Other Models....	.....	Trac. 9
*Do-All— All Models	.....	Trac. 9
Eagle—All Models....	F	—
*E. B.—All Models....	F	—
Emerson—All Models..A		Trac. 12
Erd (Engine)— All Models	A	Trac. 12
E.M.C. (Engine)— All Models	E	Trac. 12
Fageol—All Models ...A		Trac. 12
Fairway—All Models....	E	Trac. 12
*Farmall—See International Harvester. Federn (Garden)— All Models	G-8	D-8
*Fitch—All Models	Y	Trac. 9
Flour City—All Mod.F		—
Fordson—Mod. T..F-10½		—
Models A, AA....AC-57B		Trac. 12
Model F	Z	Trac. 12
Fox—All Models	E	Trac. 12
Frick—All Models	C	Trac. 12
*Gear-Scott— All Models	A	Trac. 12
*G-H-W (Garden)— All Models AC-107S		—
Gravely (Garden)— All Models .....A		Trac. 12
Gray—All Models .....A		Trac. 12
Gro-Mor (Garden)— All Models G-8		D-8
Happy Farmer— All Models .....F		—
Hart-Parr—Models through 1928	F	—
1929-30 Models	—	Trac. 9
Heider—All Models ...A		Trac. 12
Hercules (Engine)— All Models	—	Trac. 9
Hersche ! Spillman (Eng.)—All Models..A		Trac. 12
Holt—All Models .....A		Trac. 12
Hubw—Light Four to 1932	F	—
Light Four 1932-33-34 and Modern Farmer	L-10	Trac. 9
Power Grader, 5 and 10 Ton Roller....	D-12	—
All Others	.....	A Trac. 12
Imperial Forty— All Models	A	Trac. 12
Indiana—All Models...A		Trac. 12
International Harvester—Tractor *W-12, W-30, *I-12 Ind. I-30 Ind., O-12.E-9		Trac. 9
All Others	C	Trac. 12
TracTractor Model *TA-40, Gas, T-20..E-8		Trac. 9
Model TA-40, Alcohol	L-8	Trac. 9
Mod. ID-20, WO, 20..C		Trac. 12
Farmall Model *F-12, *F-30, *F-20 E-8		Trac. 9
Model Standard C		Trac. 12
John Deere—Models through 1930 F-10½		—
1931-32-33-34 Mod...B		Trac. 12
*J.T.—All Models .....B		Trac. 12
*Kawer (Snow Re-mover)—All Mod...E-12		Trac. 12
Kay-Gee—All Models..—		Trac. 12
Kinkade (Garden)— All Models	F	—
LaCrosse—All Models...F		—
Lausen—All Models....C		Trac. 12
Leader—All Models ...F		—
LaFor (Engine)— Models R, F, SP, TRP, K, CTP, Y, M, W, ZC.....	E	Trac. 12
All Others C		Trac. 12
*Light (D.L.M.F.) (Eng.)— All Others	A	Trac. 12
*Linn—All Models ....Y		Trac. 9
Little Giant— All Models	F	—
*Lombard—All Models..A		Trac. 12
London—All Models...E		Trac. 12
*Lycoming (Eng.)— Mod. AFD & CMUW.—		Trac. 9
*Matthews— Models LM	F	—
Model F	A	Trac. 12
Mc-Cormick-Deering— See International Harvester		
*Mead-Morrison— All Models	A	Trac. 12
Minneapolis— All Models	—	Trac. 9
Mogul—All Models ..	E	Trac. 12
Moline Universal— All Models	F	—
*Monarch—All Models ..C		Trac. 12
Nelson—All Models..A		Trac. 12
*Nichols-Shepard— All Models	F	—
Nilson, C— All Models	A	Trac. 12
*Oil Pull—All Models..A		Trac. 12
*Oliver H. P.— All Models	—	Trac. 9
Peerless—All Models...C		Trac. 12
Red-E (Garden)— 1930-34 Inc. Red-E...Z		Trac. 12
All Others	F	—
*Reeves—All Models ...A		Trac. 12
Reliable—All Models..F		—
Rock Island— All Models .....Z		Trac. 12
*Rumely—Model 6A..D-19		—
All Other Models....A		Trac. 12
Russell—All Models...A		Trac. 12
*Samson—All Models...B		Trac. 12
Shawnee—All Models..A		Trac. 12
Shaw-Du All (Garden)— All Models .....A		Trac. 12
*Sprywheel (Garden)— All Models AC-107S		—
Standard (Garden)— All Models	A	Trac. 12
Stearns (Engine)— All Models	B	Trac. 12
Sterling (Engine) Viking	E-6	—
All Other Models .L-10		Trac. 9
Stinson—All Models..	B	Trac. 12
*Tioga—All Models ....A		Trac. 12
*Thoro (Engine)— Models D, DS, WB ...E		Trac. 12
All Other Models....C		Trac. 12
*Titan—All Models ....Y		Trac. 9
Toop-Stevart— All Models	Z	Trac. 12
Toro—All Models .....A		Trac. 12
Townsend—All Mod....A		Trac. 12
*TracTractors—See International Harvester		
Traylor—All Models...A		Trac. 12
Turner & Moore (Eng.)—All Models..A		Trac. 12
Twin City—All Mod...—		Trac. 9
*Uncle Sam— All Models .....A		Trac. 12
*United—All Models....—		Trac. 9
*Universal (Engine)— All Models	Y	Trac. 9
Utilitor (Garden)— Models 501, 503, 7...E		Trac. 12
Mod 20, 25, 30, B-10	D-10	—
*Vaughn (Garden)— All Models	F	—
Wallis "Certified"— All Models	E	Trac. 12
Waterloo Boy— All Models	F	—
Waukesha (Engine)— All Models	A	Trac. 12
Weidely (Engine)— All Models	A	Trac. 12
Wetmurer—All Models..A		Trac. 12
Wisconsin (Engine)— Models thru 1927....C		Trac. 12
All Others	A	Trac. 12
Wizard 4-Pull— All Models	A	Trac. 12
W-S-M (Engine)— All Models	A	Trac. 12
Yuba Ball Tread— Models using Wisc. Engine	A	Trac. 12
Models using own Engine ..	F	—

LIGHTING PLANTS

*Buda—Model J-214	D-9
Models H-173, H-199, H-205	D-10
Models HS-8, KTU, WTU....	L-14
Cushman—Series 1M	L-9
Series 2M	G-7
Series 2R, 3R, 4R	E-12
Series 4C	F-10½
*C.Y.C.	F
*Delcrolite	A
*Delco-Light — Models 8GW3, 15C1, 15H1, 15FA1, 15A1, 15B1, 15H1 and Mod. 8A3, 8B3, 8C3, 8G3, 8M3, 8BK3	D-8
Models 8G3, 8CB3, 8EA8B, 8DAD1, 50AA1 (1933), and Late Model 8A8, 8B8, 8C8, 8G8, 8M8, 8BK8, 25HD-1, 25HDC-1, 25AD-1, 25C-1, 20AB 3	K-8 or S-8
All 1934 Models using Marcuite Engines	L-9
All Others	C
*Dynalectric	E
*Eastlite	F
*Electrion	C
*Fairbanks Morse—Model N.....	A
Models 1½ H.P. "2", 3 H.P. "2" through 1932..	F-10½
1933 Model 47	R
1934 Model "2" 1½ H.P....	L-10
Other 1934 Model Z.....	F
*Farmelectric	F
*Genco	A
*Globe Light and Power....	E
Homelite	G-10
*Kohler Lighting Plant— Models 5, 6, 7	D-7
All Others	L-10
*Lalley-Light	B
*Led-o Lite—Model D-1	F
1928-30 Model D-2.....	F-10½
Model D-6	D-10
1933-34 Model D-2, 2 Cyc.	L-8
Models D-5, D-6, 2 Cyc. High..	B
Models D-3A, D-5, 2 Cyc.	E
Model D-6, 2 Cyc. Slow, 1933-34 Model D-2 4 Cyc.	AC-107B
Model D-4 4 Cyc Slow.	...A
Model D-6 4 Cyc. High	C
Model D-5 2 Cyc. High ..W or	G-14
Model D-3 4 Cyc. High	C
*Lucolite	A
*Matthews	G-14
*Meyerlite	A
*Nan-Ki-Vel	A
*Northlite	F
Onan—*Models using Continental and Waukesha Engines	G-10
All Other Models.....	G-8
*Owen	W and E
*Perfection	A
*Powerlite	A
*Rice—Motor Generator	G-11
*Roco	A
Stearns—All Models	C-10
*Sun Lite—All Models.....	E
*Swartz	F
*United	A
*Veco—All Models.....G-11	Radio
*Wesco	A
Westinghouse—Models B-2, G..	J-8
Model H	L-10
All Others	E
Willys Light—All Models....	E-9

AC LONG-LIFE SPARK PLUGS FOR COMMERCIAL ENGINES

Engine	Models	Normal Service
Buda—ATU, BA-8, BBU, BTU, BU, BUS, CAS-8, CS-8, CTU, CUBU, DS6, DW6, EBU, EBUI, ETU, FR, FTU, GBU, GF-8, GL-6, GTU, HS, HS-6, HTU, HU, ITU, JH-4, JH-8 Rail Car, JK-8, JV-4, JV-8, KBH, KBU, KBUI, KTU, KT281, LV-8, MU, OM, OM-3, OU, QM-3, QU, R, RU, TM-3, TU, W, WTU, WU, YBU, YBUI, YA, YRA, YRC, YRD, YRH, YT, YTU, YU	L-14
BM, BMA-8, BMAL, BMALR, BML, BMLR, BMR, BM-386, BM-411, BM-411-L, GM, GMF, GMFL, GMFR, GMFLR, GML, GMLR, GMR, GM-572, GM-572-L, GM-572-R, GM-638, GM-638-L, GM-638-LR, GM-638-R, LM-468	E-9
H-173, H-199, H-205, H-217, H-280, H-286, K-328, K-366, K-367, K-393, K-428, L-467, L-468, L-504, L-828	D-12
BUS (Feed Mill)	L-7
HM-173, HM-199, HM-205, HM-280, HM-286, J-214, KM-366, KM-393, KM-428, LM-468, LM-828	D-8

*Indicates AC Spark Plugs used as Factory Equipment.
If the model you are looking for is not listed, use the type plug specified for "All Others." Every model has been checked. Space prohibits listing all models.

AC SPARK PLUG SPECIFICATIONS.

COMMERCIAL ENGINES—CONT.

Continental—28A, 28A, 16E, 17E, 11R, 14R, 15R, 19R, 29R, 30R, 31R, 32R, 14W, E-600, E-602, E-608 ..... D-9
16R, 18R, 20R, 21R, 22R, 28A D-10
22A, 30A, 32A, 40A, 19C, 19E, 12K, 13K, 14K, 18K, 18CS, 18S, 18S, 17S, 18S, 26S, 19U, PY, 12Z, R-890 ..... D-12
20C L-9
16H, 16H, W10, W20, 16C L-9
6S, 8T, 6S, 12C, 14C, 15C, 16E, HE, H6, H8, H15, H16, H17, H22, H23, H24, H28, H26, H27, H29, 14H, 15H, J4, K4, L4, 39L, 31L, M3, M4, M5, M7, 12M, 14M, S4, S8, S10, S11, S12, S18, 8T, 19T, 18T, W9, Y2 ..... L-10
6E, 10E, 11E, 12E, 14E, 15E, 8F, 8F, H6, 9L, 14L, 19L, 19L, 19L, 28L, 28L, 8R, 8S, 14S, 8U, W4, W6, W8 ..... L-14
Cyclone—All Models L-10
Erd—All Models L-14
Hall Scott—HD-8, HD-17B, HSM-4, HSM-8, HSR-4, HSR-6, LM-4, LM-6, 110, 112, 113, 114, 115, 116, 117, 123, 124, 129, 132, 133, 146, 147, 150, 154, 155, 157, 159, 160, 180-1, 183, 184, 186, 188, 189, 176, 111, 178, 179, 180, 350 ..... D-8
380 ..... D-10
181, 182 ..... E-8
185, 187 ..... L-10
Hercules—E, B, GXA, GXB, GXC, GXD, HXA, HXB, HXC, HXD, HXE, JXA, JXB, JXC, JXCT, JXDT, L, K, 80A, 80B, 80C, 8X, GXC, GXB, RXC, TX, TXA, TXD, WX, WXA, WXA2, WXB, WXC, WXC2, WXC3, WXTB, YX, YXA, YXB, YXBP2, YXC, YXC2, YXC3, YXD, WXD, WXE, WXG, WXJ, WXK, WXL, WXU, WXU2, WXG, WXC8, WXRT, WXT, WXTA L-10
IX, IXA, IXB, IXG, IXK, IXL, IX2 ..... D-10
ZXA, ZXB ZXF K-9
Hinkley (1925-27) B, B-2, HA-300, HAA-300, 300, HA-400, 400, HA-500, 500 ..... L-10
LeRoi Beaver—All Models E-12
Lycoming—SC, BE D-4½
(Marine) UA, UC, UD, UE, UF, DAB, DAC, DAD, DCD G-8
ASB, ASD, ASE, AEC, AED, AEF, HFA, HFB D-8
ASA, FD, MF D-9
BB, SB D-10
AFE, AFD E-9
D, FF, GC, GF, GU, HD, WTG L-8
CT, CAW, CUWH L-8
CF, CH, CA, GR, GS, GT, H, 2H, 3H, 4H, 4HM, MD, SA, SC, 4SG, 4SL, 4SM, 2S, 3S, 4S, SAH, TF, TH, TS, TV, WR, WRG, WS, WSE L-10
WF, GG K-9
Sterling—All Models L-10
Waukesha—6AB, CFR, CHK, CHS, CR, CS, CSR, CU, DKR, DR, DU, ER, EU, FS, FL, FK, FDS, FEB, FLJ, FKJ, FU, GU, 6HB, ML, 6HL, HLX, HS, JK, JKX, JL, JS, JZ, 6DHS, 6DHX, 8KL, 8KS, 6KU, 6LK, 6LRG, 6LS, 8MK (Series 33,000 and 35,000), 6ML (Series 33,000 and 35,000), 8NS (Series 33,000 and 35,000), 8NZ (Series 33,000 and 35,000), 6OK, 6OS, 6QL, 8RB, 6SRK, 6SRS, 6SRL (Beginning with Motor 268882), 6TK, UM, V, VIK, VIL, VIS, VK, WK, WL, WOK, WS, XA, XAH, XAK, 6XK, 6XL, ZA, 6ZK, 6ZL, 4-48, 4-55, 4-115 ..... L-10
SB, 6SRL (Before Motor No. 268882), 6BL, 8BK, 6MK (Series 61,000), 6ML (Series 61,000), 6MS (Series 61,000), 6MZ (Series 61,000), 6RB (Aluminum Head), 6TL, 6TS, 8-90, 8-110, 8-128 ..... D-10
VIKH ..... W
Special (Natural Gas) Z-1
C-110 Dual, 8-125 Dual K-7
Diesel Engine VIKH, HAH, HLH, WFH, XAKH, 6ELH ..... "18"
Wisconsin—A-1½, A-2, A-3, A-4, A-5, AS, BS-2, BS-3, ES, KS D-9
A D-12
RAU, RBU, RCU E-8
B-1, B-2, B-3, BO-2, BO 3, C, CA-1, C-2, D-1, D-2, D-3, D-4, DO-1, DO-2, DO-3, DO-4, E, E0, ET, G, G-2, GT, H, HB, K, K-2, KO, L-1, L-2, L-3, L-4, M-1, M-2, M-3, M-4, Q, SU, TAU, UAU, VAU, W, WK, WT, X, Y, Z, ZT E-14
F L-10
AD, AE, AF, AG D-10
ZA-1, ZA-2, E-2, GA, GA-1, GA-2 ..... L-10
N, N-2 ..... C-10
AC4 ..... K-7

AC RADIO SPARK PLUGS FOR RADIO EQUIPPED CARS.

AC radio plugs for elimination of ignition interference are available.

When ordering, specify "G-12 Radio," "Y Radio," "AC-575 Radio," etc.

The AC radio plug is a standard AC plug with a radio resistance unit built into the insulator; the nearest to perfect form of radio resistor for automobiles.

To fully equip a car for protection against ignition interference, install a complete set of AC radio plugs, and a distributor resistor unit in the lead from coil to distributor.

AC No. 1550 Terminal Connection

When AC Plugs are sold to replace plugs of another make, having a smaller center wire thread than AC, this adapter can be screwed onto the AC center wire thread in place of the terminal connection that comes on the AC plug. The same terminal connection can be used as was used with the other make of plug.

If special terminals are required when installing new AC spark plugs, transfer the terminals from the old AC plugs, as terminals do not "wear-out."

HEAT VALUE OF AC SPARK PLUGS.

Following is a complete table which classifies all AC spark plugs according to their shell size or style, and places each type in its proper position in the AC heat range scale. Read from left to right for hotter types—from right to left for cooler types.

TYPE AND DESCRIPTION	To Remedy . . FOULING OR SOOTING ← HEAT RANGE → To Remedy . . PRE-IGNITION, BLOW-BY . . BURNING OF ELECTRODES																	
	1	1½	2	2½	3	3½	4	4½	5	6	7	8	9	10	11	12	13	14	AC Carbon Proof
¼" Reg. Long Life								L-4½		L-6	L-7	L-8	L-9	L-10		L-12		L-14	
Metric Reg. Long Life								D-4½		D-6	D-7	D-8	D-9	D-10		D-12			
¼" SAE Reg. Long Life								E-4½		E-6		E-8	E-9			E-12		E-14	
¼" Long Body—Long Life																		I-14	
½" Regular				A-8½						AM			Y					A	Ace
¼" Special																Z-1		Z	Zep
½" Long Body																		I	Icp
¼" Long																		B	Bcp
½" SAE Regular																		E	Ecp
½" SAE Long																		H	Hcp
½" SAE Aircraft											NN								
Metric 14 M. M.											K-7		K-9	K-10		K-12		K-14	
Metric Regular													N-9	PR-10				G	
Metric Racing	G-1	G-1½	G-2	G-2½	G-3	G-3½		G-4½		G-6	G-7	G-8	G-9	G-10	G-11	G-12	G-13	G-14	Gcp
Metric SAE											J-7		H-9	J-9		J-12			
Metric Long																		W	
Metric Reg. Marine													O					P	
Metric Short																			
Metric Aircraft										NN-1	N								
Metric Reg. Mica			M-2		M-3		M-4		M-5	M-6	M-7	M-8							
½" Regular														F-10½				Q	Qcp
AC 1075 for Model T Ford																		F	Fcp
AC 575 for Model A Ford																		1075	
																		575	

Rugby Streamline

Perfect Balance • Streamline • De Luxe Model

THE FINEST QUALITY AND MOST BEAUTIFUL BICYCLE IN AMERICA

"YOUR GRANDFATHER RODE A RUGBY"

1843–SHAPLEIGH'S NINETY-TWO YEARS OF HONORABLE SERVICE–1935

SHAPLEIGH'S

ESTABLISHED 1843
ST. LOUIS, U.S.A.

TRADE MARK REGISTERED

IN THE U. S. PAT. OFFICE

SHAPLEIGH HARDWARE CO.
TRADE DE MARK
DIAMOND EDGE.
TRADE MARK REG. IN U. S. PAT. OFFICE

SERVICE WITH SYSTEM BUILT FOR SPEED

QUALITY SECURED FROM MATURED SCHOOL OF EXPERIENCE

BICYCLES AND BICYCLE SUNDRIES

ALTHOUGH this is aptly described as the Motor Age and power vehicles greatly predominate in all modes of transportation, the Bicycle has its well established place and the demand for it steadily increases.

From the earliest introduction of the Bicycle, the Shapleigh House has held its leadership in their distribution.

Rugby Bicycles, because of the sturdiness of their construction, symmetry of lines and beauty of finish, are widely recognized as the finest and most satisfactory in point of service, to be had at any price in any market.

Shapleigh Special Bicycles, slightly less in price, are nevertheless entitled to the splendid reputation their excellent qualities have earned.

THIS CATALOG illustrates and describes a complete line of Bicycles and Sundries, nothing of proven worth is omitted. Moderate prices prevail throughout. Orders are handled accurately and efficiently.

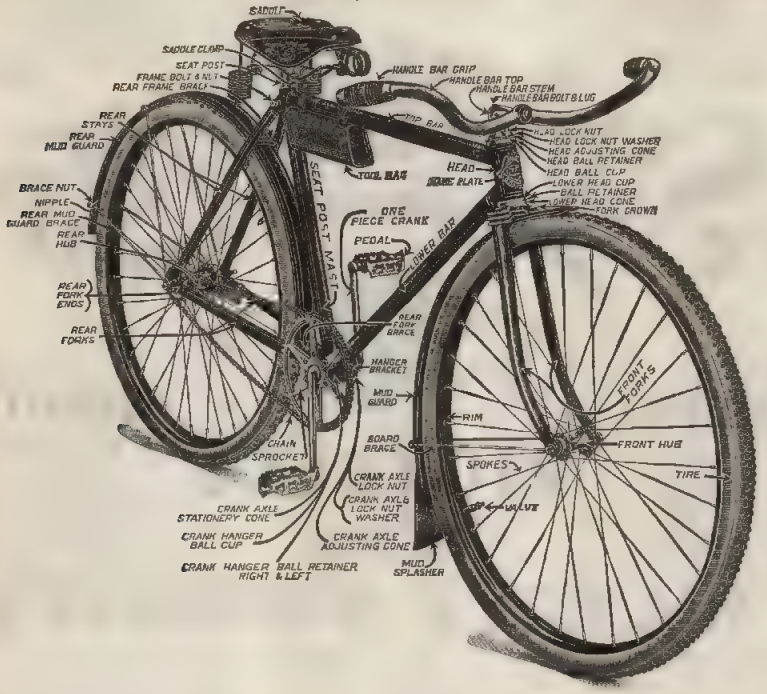
Supplementing the Bicycle line is a large variety of Wheel Goods, consisting of Boys' Wagons, Juvenile Automobiles, Hand Cars, Park Cycles, Velocipedes, Scooters, Pedal Bikes, in all desirable styles and grades, at prices which yield the Dealer excellent profits.

Orders through our salesmen or by mail, are cordially solicited and will receive that *prompt* and careful attention which distinguishes SHAPLEIGH'S Service.

"DIAMOND EDGE IS A QUALITY PLEDGE" REGISTERED IN THE U.S. PAT. OFF.

DIAGRAM OF BICYCLE WITH ALL COMPONENT PARTS INDICATED BY THEIR PROPER NAMES

"ORIGINATED BY US"



THIS DIAGRAM IS INTENDED AS A GUIDE, WHEN ORDERING REPAIRS, TO ANYONE NOT FAMILIAR WITH THE NAMES AND LOCATIONS OF THE DIFFERENT PARTS OF A BICYCLE. THE OBJECT IS ALSO TO AVOID LENGTHY DESCRIPTIONS OF PARTS WHEN ORDERING. THIS WILL BE A READY HELP TO THE DEALER, AND WILL SAVE MUCH TIME AND TROUBLE.

BICYCLE GUARANTEE

We Agree with the Purchaser of Each Bicycle, to Make Good, By Repairs or Replacements, **When Delivered at Our Store, Transportation Prepaid,** Any Imperfection or Defect in Material or Manufacture of Our Rugby, Shapleigh Special or Wonder Bicycles **Not Caused by Misuse or Neglect.** Provided that All Imperfections or Defective Parts Shall be Referred to Us Before Any Claim for Repair or Replacement Shall be Allowed.

This Guarantee Continues in Effect to December 31st Following Date of Purchase.

TIRE GUARANTEE

We Guarantee Shapleigh Bicycle Tires to be Perfect in Workmanship and Material, and if Any Defect Should Develop Within the Season in Which They are Purchased of Us, We Will Repair or Replace Without Charge, Provided that They are **Returned to Us Charges Prepaid.** This Guarantee Does not Cover **Punctures, Damages or Torn Valve Stems Caused by Accident or Negligence of the Rider.**

This Guarantee **Expires in Any Event on December 31st, of the Year in Which They are Purchased.**

Factory Brand Tires are Guaranteed by the Manufacturers, and are Subject to the Same Conditions, Except They Must be Returned, **Charges Prepaid, Direct to the Factory That Made Them,** for Their Inspection and Approval.

SHAPLEIGH HARDWARE CO. RUGBY ST. LOUIS, MISSOURI (REGISTERED)

SHAPLEIGH'S RUGBY BICYCLES

(REGISTERED)

DELIVERY MODEL

MADE ESPECIALLY FOR DELIVERY AND HEAVY DUTY SERVICE

Extra Heavy Construction Throughout

Big Heavy Hubs Motorcycle Spokes

Heavy Seamless Steel Tubing

Arched Bar Double Top Frame. This is the Strongest Frame Construction Known

Rugby Special Joint Construction at All Points, Which Prevent Breakage at Joints

(Illustration Shows Arched Bar Frame Construction as Used on this Model)

ALL CUPS AND CONES TURNED FROM SOLID BAR STEEL

Heavy Sprockets of Special Design

Drop Forged Heat Treated Cranks

Special Handle Bar with Cross Brace

Large Size, Heavy Parcel Basket, with Adjustable Braces

Heavy Steel Parcel Carrier on Rear

Heavy Angle Bar Stand

Ruby Semaphore Reflector Mounted on Rear Guard

DE LUXE TIRES

DELIVERY MODEL

Finely Enameled, Highly Polished, Plain Black Enamel Finish; No Striping or Decorations to Scrape Off and Mar Finish. Lobdell Chromium Plated, Armoured Rims, De Luxe Tires; SHAPLEIGH'S Special Handle Bar with Cross Brace. No. 1 Troxel Saddle, No. 250 Pedals with ¼-inch Balls; No. 40B Rubber Grips, No. 2B Delivery Basket, No. CC Parcel Carrier. Extra Heavy Hubs and Motorcycle Spokes. **Complete with Coaster Brake.**

	Each
No. RD28—28-inch Wheels; 21-inch Frame; Equipped as Shown	$68 00
No. RD28C—Same as Above Except with No. 90 Clincher Tires and Steel Clincher, Chromium Plated Rims	74 00

One in a Crate; Weight Crated, 70 lbs.

SHAPLEIGH HARDWARE CO. RUGBY ST. LOUIS MISSOURI (REGISTERED)

SHAPLEIGH'S

*RUGBY

SHAPLEIGH HARDWARE CO. RUGBY ST. LOUIS MISSOURI (REGISTERED)

STREAMLINE BICYCLES

(See Following Pages for Illustrations)

Beautiful Carmine Color, Decorated with Gold Decalcomania Transfers; Chromium Plated Front Fork and Braces; Ruby Semaphore Reflector Mounted on Rear Guard. Complete with Coaster Brake and Stand.

Here is the Latest Design in Bicycles! It's New, It's Different

Fully Equipped; with Electric Horn and Light, and Battery Tank Patterned After the Gas Tank Used on Motorcycles; and the Built-in, Streamlined Carrier. Look How Closely the Frame Resembles that of a Motorcycle; with the Graceful Curve of the Top and Bottom Bars.

FEATURES:

1. Chromium Plated Fork with Wide Drop Forged Crown. Ends Slotted for Easy Removal of Wheel. Chromium Plated Fork Braces.
2. Hub Turned from Solid Bar; Flanges Wide Apart.
3. Large Streamline Storage Tank for Batteries, with Beautiful Transfer.
4. Sweeping Lower Frame Tube—Gives Strength to Frame.
5. "Heat-Treated" Crank, Drop Forged from High Carbon Steel.
6. Sprocket of Cold Rolled Steel, Compressed Under 1,400 Tons Pressure. D. D. Drive. Perfect Attachment of Sprocket to Crank.
7. New Streamline Built-in Carrier, Securely Attached to Frame; Also Bolted to Guard and Supported by Braces. Strong Channel Frame.

BALLOON TIRE MODEL

Tires—26 x 2 125 inch Double Tube Straight Side Tires, All Black Color.

Fenders—Stainless Steel, Highly Polished.

Fork Fork and Braces Chromium Plated.

Handle Bar—Motorcycle Type, Wide Handle Bar (No. T3012); Heavy Motorcycle Type Black Rubber Grips.

Saddle—Latest Model Troxel Streamline Saddle; Genuine Leather Top; Metal Parts Chromium Plated.

Pedals—Persons Majestic, with ¼-inch Steel Balls.

Electric Lamp—Delta Electric Lamp, Chromium Plated.

Electric Horn—Delta Gangway Electric Horn.

Each

No. RSLB—Fully Equipped as Shown; Weight Each, Crated, 75 lbs. **$59.50**

One in a Crate

EXTRA	Each
If Wanted Equipped with Persons Speedometer, Add	$4.00

SINGLE TUBE TIRE MODEL

Tires—28 x 1½ inch Good Service Chain Tread Tires.

Fenders—Enameled to Match Frame; Gold Hair Line Stripes.

Fork—Fork and Braces Chromium Plated.

Handle Bar—Motorcycle Type, Wide Handle Bar (No. T3012); Heavy Motorcycle Type Black Rubber Grips.

Saddle—No. 1 Messinger Bucker Seat Saddle; Genuine Black Leather Top; Sponge Rubber Padding.

Pedals—Persons Majestic, with ¼ inch Steel Balls.

Electric Lamp—Delta Electric Lamp, Chromium Plated.

Electric Horn—Delta Gangway Electric Horn.

Each

No. RSL—Fully Equipped as Shown; Weight Each, Crated, 75 lbs. **$55.50**

One in a Crate

EXTRA	Each
If Wanted Equipped with Persons Speedometer, Add	$4.00

SHAPLEIGH'S *RUGBY BICYCLES

(REGISTERED) (REGISTERED)

Beautiful Carmine Color, Decorated with Gold Decalcomania Transfers; Lobdell, Chromium Plated, Armoured Wood Rims; Rust-Resisting Spokes; SHAPLEIGH'S De Luxe Tires; Ruby Semaphore Reflector Mounted on Rear Guard.

FEATURES:

- **All Cups Turned From Solid Bar Steel.**
- **Chromium Plated Front Fork and Braces.**
- **One Piece, 7-inch, Heat Treated, Drop Forged Cranks.**
- **Braced Handle Bar.**
- **Complete with Stand and Ruby Semaphore Reflector.**

MOTOR BIKE MODEL

28-inch Wheels; 20/18 and 22/20-inch Frame; No. SD28 SHAPLEIGH'S De Luxe Tires; No. 2 Troxel Saddle; No. 25 Rubber Grips; SHAPLEIGH'S Special Handle Bar, with Cross Bar; New Departure Front Hub; No. C50R High Grade Rubber Pedals; 26 Tooth Front, 10 Tooth Rear Sprockets. **Complete with Coaster Brake.**

	Each
No. RMB28—28-inch Wheels; Equipped as Shown	**$52.00**
No. RMB28C—Same as Above, Except with No. 90 Clincher Tires and Steel Clincher, Chromium Plated Rims. One in a Crate; Weight Each, Crated, 63 lbs.	**56.00**

EXTRAS

	Each
For Tool Bag, Wrench and Pump	**Add $1.20**

OPTIONAL NAME PLATE—SPEED

FEATURES:

- **All Cups Turned From Solid Bar Steel.**
- **One Piece, 7-inch, Heat Treated, Drop Forged Cranks.**
- **Complete with Ruby Semaphore Reflector.**
- **No Stand Included.**

CAMEL BACK MODEL

28-inch Wheels; 20/18-inch Frame; No. SD28 SHAPLEIGH'S De Luxe Tires; No. 2 Troxel Saddle; No. 25 Rubber Grips; SHAPLEIGH'S Special Handle Bar, without Cross Bar; New Departure Front Hub; No. C50R High Grade Rubber Pedals; 26 Tooth Front, 10 Tooth Rear Sprockets; **Complete with Coaster Brake.**

	Each
No. RCB28—28-inch Wheels; Equipped as Shown	**$49.00**
No. RCB28C—Same as Above, Except with No. 90 Clincher Tires and Steel Clincher; Chromium Plated Rims. One in a Crate; Weight Each, Crated, 60 lbs.	**53 00**

EXTRAS

	Each
For Stand	**Add $0 50**
For Tool Bag, Wrench and Pump	**Add 1.20**
For Braced Handle Bar	**Add .70**

OPTIONAL NAME PLATE—SPEED

SHAPLEIGH HARDWARE CO. RUGBY ST. LOUIS MISSOURI (REGISTERED)

SHAPLEIGH'S RUGBY BICYCLES

SHAPLEIGH HARDWARE CO. RUGBY ST. LOUIS MISSOURI (REGISTERED)

Beautiful Carmine Color, Ladies Wheel Decorated with Gold Decalcomania Transfers. Racer Plain, with "Racer" in Gold Letters. Rust-Resisting Spokes.

FEATURES:

- **Cups Turned From Solid Bar Steel.**
- **Short Coupled Racer Frame.**
- **Lobdell Chromium Plated Armoured Wood Racing Rims.**
- **Chromium Plated Front Fork.**

RACER MODEL

28-inch Wheels, 28-inch SHAPLEIGH'S Racer Tires; 21-inch Frame; 6½-inch Drop Forged Heat Treated Cranks; No. RL18 Lawson Racing Handle Bar with Sponge Grips; Star Racing Pedals; Persons Track Racer Saddle; 26-Tooth Front, 8-Tooth Rear Sprockets; New Departure Racing Hubs, Front and Rear; No Coaster Brake; Lobdell Chromium Plated Armoured Wood Racing Rims.

	Each
No. RR28—Without Coaster Brake; Equipped as Shown.....	**$52.00**

One in a Crate;
Weight Each, Crated, 50 lbs.

OPTIONAL NAME PLATES: SPEED, *SHAPLEIGH'S SPECIAL

FEATURES

- **Cups Turned From Solid Bar Steel.**
- **Netted Dress Guard Lacing.**
- **One Piece, 6½-inch, Heat Treated Drop Forged Cranks.**
- **No Stand Included.**

LADIES' MODEL

28-inch Wheels, 28x1¼-inch SHAPLEIGH'S De Luxe Tires; 20-inch Frame; 6½-inch Drop Forged Heat Treated Cranks; No. 4/20 Handle Bar; No. 35 Rubber Grips; No. 09RC Saddle; Rubber Pedals.

New Departure Front Hub; 22-Tooth Front, 9-Tooth Rear Sprockets; Lobdell Chromium Plated Armoured Wood Rims; **Complete with Coaster Brake.**

	Each
No. RL28 -28-inch Wheels; Equipped as Shown.....	**$52 00**
No. RL28C—Same as Above, Except with No. 90C Clincher Tires and Steel Clincher, Chromium Plated Rims.....	**56 00**

One in a Crate, Weight Each, Crated, 60 lbs.

EXTRAS	Each
For Stand.	Add **$0 50**
For Tool Bag, Wrench and Pump.....	Add **1.20**

OPTIONAL NAME PLATE—SPEED

SHAPLEIGH'S *RUGBY BICYCLES

(REGISTERED)

Beautiful Carmine Color, Decorated with Gold Decalcomania Transfers; Lobdell, Chromium Plated, Armoured Wood Rims; Rust-Resisting Spokes; SHAPLEIGH'S De Luxe Tires; Ruby Semaphore Reflector Mounted on Rear Guard.

FEATURES:

All Cups Turned From Solid Bar Steel.

One Piece, 5½-inch Heat Treated Drop Forged Cranks.

No Stand Included.

BOYS' MODEL

26-inch Wheels; 26x1¾-inch SHAPLEIGH'S De Luxe Tires; 18/16-inch Camel Back Frame; No. B3 Bucket Saddle; No. 4/20 Handle Bar with No. 35 Rubber Grips; Rubber Pedals; 22-Tooth Front, 10-Tooth Rear Sprockets; New Departure Front Hub.

Complete with Coaster Brake

	Each
No. RB26—26-inch Wheels; Equipped as Shown	$47.00
No. RB26C—Same as Above, Except with Clincher Tires and Steel Clincher, Chromium Plated Rims	51 00

One in a Crate; Weight Each, Crated, 54 lbs.

EXTRAS	Each
For Stand	Add $0.50
For Tool Bag, Wrench and Pump	Add 1.20

OPTIONAL NAME PLATE—SPEED

FEATURES:

All Cups Turned From Solid Bar Steel.

One Piece, 5½-inch Heat Treated Drop Forged Cranks.

No Stand Included.

GIRLS' MODEL

26-inch Wheels; 26x1¾-inch SHAPLEIGH'S De Luxe Tires; 18-inch Frame; No. F Saddle; No. 4/20 Handle Bar, with No. 35 Rubber Grips; Rubber Pedals; 22-Tooth Front, 10-Tooth Rear Sprockets; New Departure Front Hub; Netted Dress Guard Lacing; No Chain Guard.

Complete with Coaster Brake

	Each
No. RG26—26-inch Wheels; Equipped as Shown	$49 00
No. RG26C—Same as Above, Except with Clincher Tires and Steel Clincher, Chromium Plated Rims	53 00

One in a Crate; Weight Each, Crated, 54 lbs.

EXTRAS	Each
For Stand	Add $0.50
For Tool Bag, Pump and Wrench	Add 1.20

OPTIONAL NAME PLATE—SPEED

*SHAPLEIGH'S SPECIAL BICYCLES

WITH BALLOON TIRES

BALLOON TYPE
STRAIGHT SIDE
DOUBLE TUBE TIRES
SIZE, 26 x 2.125

LOW PRESSURE
18 TO 22 POUNDS

DROP CENTER RIMS

RUSTLESS STEEL
HIGHLY POLISHED
FENDERS AND RIMS

FENDERS HAVE
ENAMELED STRIPES
TO MATCH FRAME

ALL OTHER BRIGHT PARTS
CHROMIUM PLATED

OPTION: NEW DEPARTURE
OR MORROW COASTER BRAKE

COMPLETE WITH STAND
AND SEMAPHORE

COLORS:

RED FRAME
WITH
WHITE HEAD AND DARTS
OR
BLUE FRAME
WITH
WHITE HEAD AND DARTS

FINEST POSSIBLE FINISH

BEAUTIFULLY
DECORATED AND STRIPED

SPUN HEAD CONSTRUCTION

HEAT TREATED CRANKS

ONE-INCH TUBING

FINEST EQUIPMENT

MOTO-BIKE MODEL

FRAME—Regular, 19-inch; Option, 21-inch.
TIRES—26 x 2.125 Double Tube, Cord Balloon.
SADDLE—No. B2 Mesinger Bucket.
HANDLE BAR—Chromium Finished with Brace.
PEDALS—High Grade, Rubber.
RIMS—Drop Center, Stainless Steel, Highly Polished.

No. M28B—Weight Each, Crated, 65 lbs. ..... Each **$51.00**
One in a Crate

MOTO-BIKE MODEL—DELUXE

Same as No. M28B with the Following Added Equipment:
Tank, Rear Carrier, Electric Lamp (Less Batteries), No. 1 Hand Horn

No. M28BD—Weight Each, Crated, 70 lbs..... Each **$56.00**
One in a Crate

MOTO-BIKE MODEL—FULL ELECTRIC DELUXE

Same as No. M28B with the Following Added Equipment:
Tank, Rear Carrier, Electric Lamp and Electric Horn (Less Batteries)

No. M28BED—Weight Each, Crated, 70 lbs... Each **$58.00**
One in a Crate

EXTRAS

If Wanted with No. B1 Mesinger Bucket Saddle..... Each .....Add $1.00
If Wanted with No. B1R Mesinger Bucket Saddle, with Sponge Rubber Padding... ..... Add 2.00

*SHAPLEIGH'S SPECIAL BICYCLES

WITH BALLOON TIRES

BALLOON TYPE
STRAIGHT SIDE
DOUBLE TUBE TIRES
SIZE, 26x2.125

LOW PRESSURE
18 TO 22 LBS.

DROP CENTER RIMS

RUSTLESS STEEL, HIGHLY POLISHED FENDERS AND RIMS

FENDERS HAVE ENAMEL STRIPES TO MATCH FRAME

ALL OTHER BRIGHT PARTS CHROMIUM PLATED

OPTION: NEW DEPARTURE OR MORROW COASTER BRAKE

COMPLETE, WITH STAND AND SEMAPHORE

COLORS:
RED FRAME WITH WHITE HEAD AND DARTS
OR
BLUE FRAME WITH WHITE HEAD AND DARTS

FINEST POSSIBLE FINISH

BEAUTIFULLY DECORATED AND STRIPED

SPUN HEAD CONSTRUCTION

HEAT TREATED CRANKS

ONE-INCH TUBING

FINEST EQUIPMENT

MENS' MODEL

TIRES—26 x 2.125 Double Tube; Cord Balloon.
SADDLE—No. B2 Mesinger Bucket.
HANDLE BAR—Chrominm Finished.
PEDALS—High Grade, Rubber.
RIMS—Drop Center, Stainless Steel, Highly Polished.

Each
No. C28B—Weight Each, Crated, 63 lbs. **$49.00**
One in a Crate

EXTRAS	Each
For No. B1, Mesinger Bucket Saddle	Add $1 00
For No. B1R, Mesinger Bucket Saddle with Sponge Rubber Pads	Add 2.00
For Electric Horn and Lamp (Less Batteries)	Add 6 00

BOYS' MODEL

TIRES—26 x 2.125 Double Tube, Cord Balloon.
SADDLE—No. B3 Mesinger Bucket.
HANDLE BAR—Chromium Finished.
PEDALS—High Grade, Rubber.
RIMS—Drop Center, Stainless Steel, Highly Polished.

Each
No. B26B—Weight Each, Crated, 61 lbs. **$49.00**
One in a Crate

EXTRAS	Each
For Electric Horn and Lamp (Less Batteries)	Add $6.0

HENRY SEARS & SON 1865

Associated for more than half a century, with the highest grades of Cutlery, exclusively through Farwell, Ozmun, Kirk & Co.

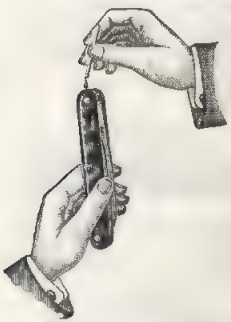
Our Guarantee

Henry Sears & Son 1865 Pocket Knives are warranted free from flaws in blades or springs. Blades breaking from any cause other than flaws, or blades that have been re-ground by the consumer will not be subject to replacement. Pocket knives with more than one blade broken or pocket knives with broken pearl handles will not be replaced.

Pocket knives that have been re-ground by the consumer are often ground too thin or uneven and are liable to break, which is an evidence of good steel and temper.

Give the American Jack Knife fair play and it will prove your friend for many years.

How to Care for a Knife.



Much trouble is caused and many knives prove unsatisfactory from the lack of proper care. The spring of the pocket knife holds, through its pressure, the closed or opened blade in the right position. In opening or closing the blade the tension on the spring is stronger and causes more or less friction. Any dust or dirt that collects where the blade and spring join will wear out both spring and blade if these parts are not cleaned and oiled from time to time. The spring will wear hollow and the blade will stick out of the handle and will not open and close properly. Therefore it is very important to clean and oil the joints on springs and blades occasionally.

To sharpen a knife use a fine India oil stone and hold blade at an angle of 25 degrees.

Pocket Knife Blades

The Henry Sears & Son 1865 line includes a varied assortment of patterns, the most staple and practical of these are shown in the illustration below:

Explanation of Henry Sears & Son Pocket Knife Numbers

The numbers of all Henry Sears & Son, 1865, pocket knives are so compiled as to convey a description of the knife.

The first figure in any number designates the number of blades; the second figure the composition of the handle, and the last two figures whether or not the knife has a punch blade.

When the last two figures in the number are lower than 50, the knife does not have a punch blade; if they are 50 or higher, the knife has a punch blade.

Different handle compositions are designated as follows:

1. Rosewood.
2. Ebony.
3. Stag.
4. Pearl.
5. Celluloid.
6. Genuine Stag.
7. Bone.
8. Cocoa.
9. Nickel Silver.

EXAMPLES—Knife No. 3303 is a 3-blade, stag handle without punch, No. 2508, 2-blade, celluloid handle, without punch, and No. 3351, 3-blade, stag handle, with punch.

POCKET KNIVES.

HENRY SEARS & SON 1865.

Per Assortment

No. C-2000R Pocket Knife Assortments; roll contains 36 of Henry Sears & Son newest and best two-blade pocket knives in a variety of standard, medium and pen knife patterns; selection of handles is of the finest imperialite colors and stag; nickel silver cap, bolster and shield; brass linings; blades full polished; weight per assortment, 8 lbs..... $15.90

59c SPECIALS.

No. C-3612R Pocket Knife Assortments; 36 knives in roll, 2 blades, pen and medium jacks; assorted handles..... $28.80

75c SPECIALS.

72 Henry Sears & Son 1865 quality jack and cattle knives; 2 and 3 blades; assorted patterns, with a most attractive variety of stag and celluloid handles: finely polished blades; nickel silver and steel bolsters; brass lined; put up in imitation leather, flannel lined roll.

Per Assortment

No. C-34R—Pocket Knife Assortments; 72 knives in imitation leather roll..... $70.00

No. C-34½R—Pocket Knife Assortments; 36 knives, two and three blade knives, otherwise as No. C-34R..... 36.00

$1.00 SPECIALS.

Per Assortment

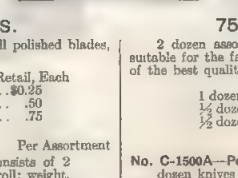
No. C-648R—Pocket Knife Assortments; six dozen three-blade, Henry Sears & Son cattle knives, assorted half punch and half without; in roll..... $90.00

No. C-647R—Pocket Knife Assortments; all punch, otherwise as C-648R..... 90.00

Per Assortment

No. C-647½R—Pocket Knife Assortments; 3 dozen 3-blade knives in a roll, all punch..... $46.00

No. C-648½R—Pocket Knife Assortments; 3 dozen in a roll, half punch and half without..... 46.00



25c, 50c, 75c, VALUES.

2 dozen assorted knives, all nicely made, full polished blades, as follows:

Retail, Each

1 dozen 2-blade..... $0.25
½ dozen 2-blade..... .50
½ dozen 3-blade..... .75
Total retail value, $10.50.

Per Assortment

No. C-695A—Pocket Knife Assortments; consists of 2 dozen knives as listed above, in a display roll; weight, 3 lbs..... $13.90

75c, $1.00, $1.50 VALUES.

2 dozen assorted knives composed mostly of punch knives, suitable for the farming district. The $1.00 and $1.50 knives are of the best quality.

Retail, Each

1 dozen 3-blade..... $0.75
½ dozen 3-blade..... 1.00
½ dozen 3-blade..... 1.50
Total retail value, $24.00.

Per Assortment

No. C-1500A—Pocket Knife Assortments; consists of 2 dozen knives as listed above, in a display roll; weight, 3¾ lbs..... $30.00

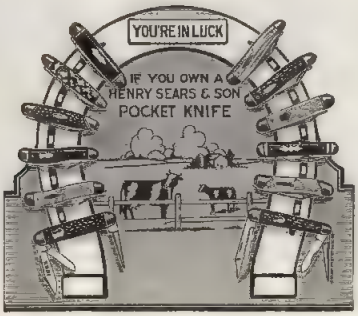
Approx. weight, 6 lbs

POCKET KNIVES.

ASSORTMENTS.

HENRY SEARS & SON 1865.

SUPER THREE-BLADE POCKET KNIFE.



VALUES TO RETAIL AT 98c EACH.

Your choice, all punch, all cattle or assorted blades. Nicely assorted handles, celluloid and stag. Mounted on attractive easel, orange color, black printing, silver finish horse shoe. An attractive window or counter piece. The knives are all regular Henry Sears high quality, regularly sold for $1.25 to $1.50 each.

Per Assortment

No. C-720—Pocket Knife Assortments; consists of twelve Henry Sears & Son 1865 quality three-blade stockman's knives, assorted stag and colored celluloid handles, assorted lengths, nickel silver bolsters and shields; brass lined; assorted spear, pen and spey; clip, pen and spey, or clip, sheepsfoot and spey blades; mounted on an attractive display card, size 14½ inches wide, 13½ inches high..... **$14.40**

No. C-720P—Pocket Knife Assortments; same as No. 720, except every knife has punch blade..... **14.40**

No. C-720A—Pocket Knife Assortments; same as No. 720, except knives are assorted, half with punch and half without punch; weight per assortment, 2¾ lbs. **14.40**

No. C-975A—Pocket Knife Assortments; consists of 12 finest quality Henry Sears & Son 1865 three blade pocket knives, assorted handles, ebony, genuine stag, genuine horn, celluloid, coco and stag; assorted blades, large dagger spear, clip, dagger clip, spey, sheepfoot pens, clip pens and punch, six with punch and six without punch; brass lined; nicely finished; well constructed; mounted on attractive display card shown above; weight per assortment, 3 lbs **19.50**

Genuine stag handle; length 3⅝ inches; 3-bladed knives, 6 with clip, spey and punch and 6 with clip, spey and pen, full polished blades Nickel silver bolsters and shield; brass lined Each assortment in plush lined display tray; weight per assortment, 2⅝ lbs.

Per Assortment

No. C-310A—Pocket Knife Assortments; half with punch, half with pen **$14.40**

No. C-311A—Pocket Knife Assortments; all with punch. **14.40**

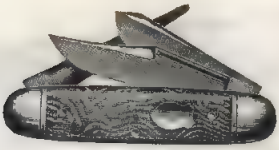
No. C-312A—Pocket Knife Assortments; all with no punch..... **14.40**

Per Assortment

No. C-380A—Pocket Knife Assortments; length, 3⅛ inches; assorted stag and celluloid handles; brass lined; nickel silver bolsters and shield; 3 blades, large clip, spey and punch, full polished; one dozen in a display tray; weight per dozen, 2 lbs **$12.00**

No. C-360A—Pocket Knife Assortments; length, 3⅛ inches; otherwise same as No. C-380A..... **10.80**

No. C-361A—Pocket Knife Assortments; pen blades in place of punch, otherwise as No. C-360A..... **10.80**



Per Assortment

No. C-351A—Pocket Knife Assortments; length, 3½ inches; assorted stag and celluloid handles; brass lined; nickel silver bolsters and shields; 3 blades, large clip, spey and punch, full polished; one dozen in a display tray; weight per dozen, 1⅛ lbs..... **$10.50**

No. C-352A—Pocket Knife Assortments; pen blade in place of punch; otherwise same as No. C-351A..... **10.50**

Per Assortment

No. C-353A—Pocket Knife Assortments; contains 12 knives, 4 stags and 8 celluloid handles; length, 3½ inches; metal bolsters and shields; brass lined; 3 blades, large clip, spey and punch, full polished; one dozen in a display box; weight per assortment, 1¾ lbs..... **$8.00**

3-BLADE.

Per Assortment

No. C-300A—Pocket Knife Assortments; assorted three-blade, clip spey and punch, full polished blades; brass lined; nickel silver bolsters and shield; high quality celluloid and stag handles; length, 3⅝ inches; weight per assortment, 1⅝ lbs.... **$8.00**

No. C-301A Pocket Knife Assortments; pen blades in place of punch; otherwise same as No C-300A **8.00**

Per Assortment

No. C-302A—Pocket Knife Assortments; assorted 3-blade duloper clip, spey and punch, full polished; brass lined; nickel silver bolsters and shield; 4 stags, 8 celluloid handles; length, 3⅝ inches; weight per assortment, 1⅝ lbs... **$8.00**

Per Assortment

No. C-251A—Pocket Knife Assortments; assorted pearl celluloid handles; nickel silver bolsters, shields and linings; large clip and pen blades; full polished length over all, 3¼ inches; in a display box 6¾x7¾ inches; weight per assortment, 1½ lbs..... **$8.00**

All knives in assortment carried in open stock.

Per Assortment

No. C-43A—Pocket Knife Assortments; celluloid handles; 2 blades, large master clip and spear with small pen, all blades full polished; numbers stamped on each knife; one dozen in display box; weight per assortment, 2 lbs.. **$9.60**

Per Assortment

No. C-390A—Pocket Knife Assortments; 12 assorted colored celluloid and stag handle knives; brass lined; nickel silver tips, bolsters and shields; large spear and pen, full polished blades; one dozen in a bulk box.. **$8.00**

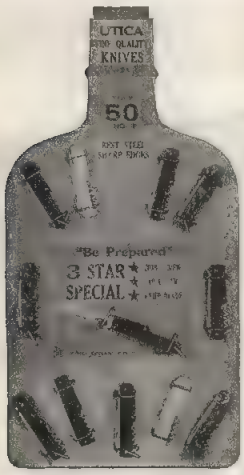
ASSORTMENTS.

FACTORY BRAND.

Per Assortment of 1 dozen

No. C-601A—Pocket Knife Assortments; 12 large knives; length, 3¾ inches; assorted stag and celluloid handles; one blade, large enough for any kind of work, nicely ground and finished; weight per assortment, 1½ lbs. **$4.00**

Each assortment in display box.



Per Assortment

No. C-1345A—Pocket Knife Assortments; one dozen on display card; length, 2⅝ inches; assorted celluloid handles; with and without shackles; brass lined; full polished blade; weight per dozen, 1¼ lbs. **$7.50**

Per Assortment of 1 dozen

No. C-78A—Pocket Knife Assortments; all celluloid handles, half with easy opener; length 3 ins.; steel bolsters; nickel silver shield; brass lining; 2 blades, large spear and pen, half polished; one dozen in display box; weight per asst., 1⅞ lbs. **$4.80**

No. C-701A—Pocket Knife Assortments; 4 stag and 8 celluloid handles: nickel silver tips, bolsters and shield; 2 blades, large spear and pen; full polished; one dozen in display box, weight, 1⅛ lbs **4.00**

CHARM.

Per Assortment

No. C-560A—Pocket Knife Assortments; length, 2½ inches; one full polished blade; assorted colored celluloid handles; nickel silver bolsters; one dozen in a display box; weight per assortment, ½ lb **$4.00**

No. C-561A—Pocket Knife Assortments; all knives with shackles to attach to a chain; weight per assortment, ⅚ lb.; otherwise same as No. C-560 ..... **4.80**

Per Dozen

No. C-780—Razornives; nickel plated frame; for ripping, cleaning windows, trimming corns, etc ; to replace blade simply break a double edged blade and insert in place of the old one; one dozen on a display card; weight per dozen, 6 ozs. **$1.60**

Per Dozen

No. 676—Fibre stag handle with chain; length, 2¾ inches; large spear blade; one dozen in a box; weight per dozen, ¾lb..... $1.68

JITNEY JACKS.

Per Dozen

No. 60—Assorted celluloid and stag handles; with chain; length, 2 inches; spear blade; 3 dozen in a box; weight per box, 1⅜ lbs..... $1.20

Per Dozen

No. 78—Assorted celluloid handles; steel bolsters; nickel shield; brass lined; 2 blades; 1 dozen in a box; weight per dozen, 1⅞ lbs..... $4.80

No. 78CH—With chain, otherwise as No. 78..... 5.50

Per Dozen

No. 2201—Black celluloid handle; length, 3⅛ inches; nickel silver cap, bolster and shield; brass lined; two blades, large spear and pen, full polished; half dozen in a box, weight per dozen, 1⅞ lbs...$6.00

No. 2505—Assorted colored celluloid handles, otherwise as above; weight per doz., 1⅝ lbs.; half dozen in a box. 6.00

With Punch.

No. 2551—With punch in place of pen, otherwise as No 2505; one dozen in a box; weight dozen, 1½ lbs..... $6.00

Per Dozen

No. 2307—Stag handle; easy opener; length 3⅛ inches; nickel silver cap, bolster and shield; brass lined; two blades, large spear and pen, full polished; ½ doz. in a box; wgt. per doz., 1½ lbs..... $6.00

Per Dozen

No. 2500—Assorted celluloid handles; length, 3⅛ inches; nickel silver cap, bolster and shield; brass lined; two blades; large spear and pen, full polished; half dozen in a box; weight per dozen, 1⅓ lbs..... $6.00

With Punch.

No. 2553—Same as No. 2500 but with punch in place of pen; one dozen in a box; weight dozen, 1½ lbs..... $6.00

Per Dozen

No. 2501—Assorted celluloid handles; length, 3⅛ inches; nickel silver cap, bolster and shield; brass lined; two blades, large spear and pen, full polished; ½ dozen in a box; wgt. per doz., 1⅝ lbs..... $6.00

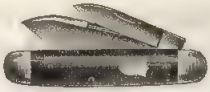
No. 2552—Same as No. 2501 but with punch in place of pen; one dozen in box; weight per dozen, 1⅝ lbs..... 6.00

Per Dozen

No. 2312—Stag handle; length, 3½ inches; nickel silver bolsters and name plate; brass lining; two blades, large clip and pen, full polished; weight per dozen, 1½ lbs..... $6.00

Per Dozen

No. 2503—Assorted celluloid handles; length, 3⅛ inches; nickel silver cap, bolster and shield; brass lined; two blades, large clip and pen, full polished; half dozen in a box; wgt. per doz., 1 lb..... $6.00



Per Dozen

No. 2502—Assorted celluloid handles; length, 3⅛ ins.; nickel silver bolsters and shield; brass lined; two blades, large spear and pen; full polished; weight per dozen, 1½ lbs..... $6.00

No. 2504—Large clip, blade and pen, slightly thinner, otherwise as above... 6.00

No. 2208—Black celluloid handle, half polished blade, otherwise same as No. 2502..... 6.00

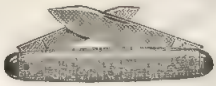
Per Dozen

No. 2206—Black celluloid handles; length, 3⅛ inches; nickel silver bolsters and shield; brass lined; two blades, large spear and pen; half polished; half dozen in a box; weight per dozen, 1½ lbs..$6.00

No. 2204—Easy opener, otherwise same as No. 2206 ..... 6.00

Per Dozen

No. 2315—Stag handle; length, 3⅜ inches; nickel silver tips and shield; brass lined; two blades, large and small pen, full polished; weight per dozen, ⅛ lb..$9.60

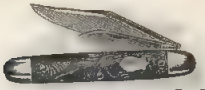


Per Dozen

No. 2320—Blue color bubble pearl celluloid handle; length, 3⅜ inches; nickel silver tips and shield; brass lined; two blades, large and small pen, half polished; weight per dozen, ⅛ lb..... $9.60

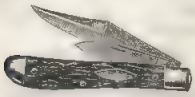
Per Dozen

No. 2311—Stag handle; length 2⅞ inches; nickel silver bolster, cap and shield, brass lined; two blades, long spear and pen, full polished; weight per dozen, 1½ lbs..... $9.60



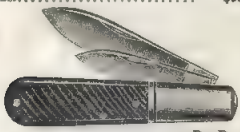
Per Dozen

No. 2205 Black celluloid handle; length, 3 ins.; nickel silvercap and bolster; brass lined; two blades, large clip and pen; half polished; weight per dozen, 1⅛ lbs..... **$9.60**



Per Dozen

No. 2310—Stag handle, length 3 inches, nickel silver bolster and shield, brass lined, two blades, saber clip and pen, half polished, weight per dozen, 1¼ lbs..... **$9.60**



Per Dozen

No. 2303 — Stag handle, length 3⅝ inches, extra long steel bolster, steel lining, two blades, large clip and pen, glazed finish, wgt. per doz ,2¼ lbs. **$9.60**

Per Dozen

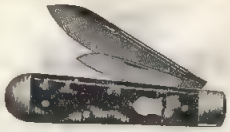
No. 2540—Blue and grey celluloid handles; length, 3⅝ inches; nickel silver bolster and shield, brass lined, milled; two blades, full polished, large clip and pen; half dozen in a box; weight per dozen, 1½ lbs..... **$9.60**

No. 2539—Red, grey and whit celluloid handles; spear blade; otherwise as No. 2540..... **9.60**

Per Dozen

No. 2537—Black and white celluloid handles; length, 3⅜ inches; nickel bolsters and shield; brass lined, milled; two blades, full polished, large dulopper clip and pen; half dozen in a box; weight per dozen, 1⅝ lbs **$9.60**

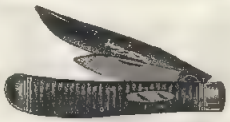
No. 2538—Horn celluloid handle; otherwise as No 2537..... **9.60**



Per Dozen

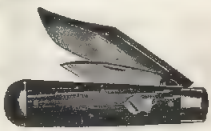
No. 2532—Black and white celluloid handles; length, 3⅜ inches; nickel silver cap, bolster and shield; brass lined, milled; two blades, full polished, large spear and pen; half dozen in a box; weight per dozen, 1¼ lbs.....**$9.60**

No. 2533—Green, grey and white celluloid handles; large clip blade; otherwise as No. 2532 ..... **9.6**



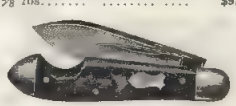
Per Dozen

No. 2513—Horn celluloid handles; length, 3⅞ inches; nickel silver cap, bolsters and shield; brass lined; two blades, full polished, large clip and pen; half dozen in a box; weight per dozen, 1⅝ lbs..**$9.60**



Per Dozen

No. 2100—Rosewood handle; length, 3⅞ inches; nickel silver bolster and shield; brass lining; two blades, large clip and pen, full polished; weight per dozen, 1⅝ lbs..... **$9.60**



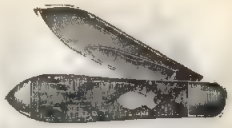
Per Dozen

No. 2515—Brown and cream celluloid handles; length, 3⅝ inches; nickel silver cap, bolsters and shield; brass lined; two blades, full polished, large spear and pen; half dozen in a box; weight per dozen, 1¾ lbs.....**$9.60**

No. 2514—Red and blue celluloid handles; length, 3⅜ inches; otherwise as No. 2515..... **9.60**

No. 2536 Green, grey and white celluloid handles; length, 3⅜ inches; otherwise as No. 2514 ..... **9 60**

Half Dozen in a box.



Per Dozen

No. 2534—Red, grey and white celluloid handles; length, 3⅜ inches; nickel silver cap, bolsters and shield; brass lined; milled; two blades, full polished, large spear and pen; half dozen in a box; weight per dozen, 1½ lbs.....**$9.60**

No. 2535—Horn celluloid handles; large clip blade; otherwise as No. 2534.... **9.60**

Per Dozen

No. 2508—Red and grey celluloid handles; length, 3⅜ inches; nickel silver bolsters and shield; brass lined; milled; two blades, full polished, large spear and pen, half dozen in a box; weight per dozen, 1⅝ lbs..... **$9.60**

No. 2509—Horn celluloid handles; large blade; otherwise as No. 2508... **9.60**

Per Dozen

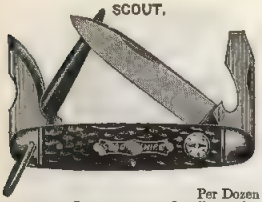
No. 2512—Red and black celluloid handles; length, 3½ inches; nickel silver bolsters and shield; brass lined; two blades, full polished, large clip and pen; half dozen in a box; weight per dozen, 1⅝ lbs..... **$9.60**

Per Dozen

No. 2901—Bright nickel silver handle, highly polished; length, 3 inches; medium size spear blade, nicely glazed; corkscrew and bottle opener; shackle for attaching chain; weight per dozen, 1 lb..... **$13.20**

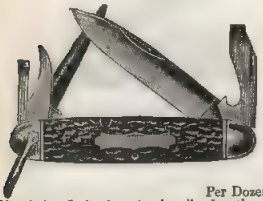
POCKET KNIVES.

HENRY SEARS & SON, 1865.



Per Dozen

No. 4351—Imitation stag handle; with compass; length, 3⅝ inches; nickel silver bolsters; shield and shackle, brass lined; large spear blade; punch; can opener; combination screw driver and cap lifter, full polished; half dozen in a box; weight per dozen, 2½ lbs..... **$16.80**

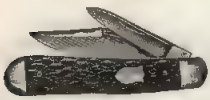


Per Dozen

No. 4350 Imitation stag handle; length 3⅝ inches; nickel silver bolster, shield and shackle; brass lined; large spear blade, half polished; punch, can opener, combination screw driver and cap lifter; wgt., per dozen 2⅝ lbs..... **$9.60**

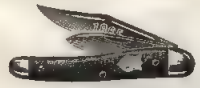
Per Dozen

No. 2518—White fish scale pearl handle; length, 3⅜ inches; nickel silver rivets; brass lined; two blades, spear and eraser, full polished; weight per dozen, ⅛ lb..... **$13.20**



Per Dozen

No. 2320—Stag handle; length, 3 inches; nickel silver cap, bolster and shield; brass lining; two blades, large spear and pen, half polished; weight per dozen, 1¼ lbs..... **$13.20**



Per Dozen

No. 2524—Blue tinsel celluloid handle, length 3 inches, nickel silver bolster and shield, brass lined, two blades, large clip and pen, half polished, weight per dozen, ⅛ lb..... **$13.20**

Per Dozen

No. 2528—White fish scale bubble pearl celluloid handle; length, 3⅛ inches; nickel silver bolsters; brass lining; two blades, large spear and pen, half polished; weight per doz., 1⅛ lbs.. **$13.20**

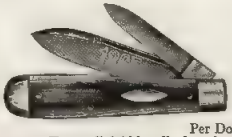
Per Dozen

No. 2521—Assorted celluloid handles; lgt., 3¼ ins.; brass lined; nickel silver bolster and patent cap lifter; two blades, clip and pen, half polished; weight per dozen, 1⅛ lbs..... **$13.20**

Per Dozen

No. 2526—Cocoa celluloid handle; length 3⅜ inches; nickel silver cap, bolster and shield; brass lining; two blades, large spear and pen, half polished; weight per dozen, 1⅝ lbs..... bzd **$13.20**

No. 2527—Pearl celluloid handle, otherwise same as No. 2526..... **13.20**



Per Dozen

No. 2525—Horn celluloid handle; length, 3¼ inches; nickel silver bolster, cap and shield, brass lining; two blades, large spear and pen, half polished; weight per dozen, 1½ lbs..... **$13.20**

Half dozen in a box.

Per Dozen

No. 2207—Ebony handle; length, 3¼ inches; nickel silver bolster, cap and shield; brass lined; two blades, spear and pen, half polished; weight per dozen, 1¼ lbs..... **$13.20**

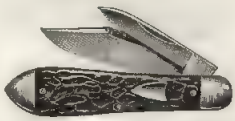
No. 2319—Stag handle, otherwise same as No. 2207..... **13.20**

Per Dozen

No. 2322—Stag handle; length, 3¼ inches; nickel silver bolsters and shield; brass lined; two blades, one large clip half polished and one large spear glazed finish; weight per dozen, 2¼ lbs. **$13.20**

Per Dozen

No. 2200—Black celluloid handle; length, 3⅜ inches; nickel silver bolsters and name plate; brass lining; two blades, large spear and pen, half polished; weight per dozen, 1⅛ lbs..... **$13.20**



Per Dozen

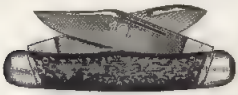
No. 2300 — Stag handle; length, 3⅜ inches; nickel silver bolsters and name plate; brass lining; two blades, large clip and pen, half polished; weight per dozen, 2 lbs..... **$13.20**

Per Dozen

No. 2506—Fish Scale pearl on amber, celluloid handle; length 3⅛ inches; nickel silver bolsters; brass lined; two blades, large clip and pen; half polished, weight per dos., 1⅛ lbs.. **$13.20**

Per Dozen

No. 2517—Lavender bubble pearl celluloid handle; length, 2¾ inches; nickel silver tips; brass lining; two blades, large spear and pen, half polished; fitted with shackle; weight per dozen, ¾ lb..... **$13.20**



Per Dozen

No. 2529—Smoked pearl celluloid handle; length, 3⅝ inches; nickel silver diagonal bolsters; brass lining; two blades, one large clip and one large spear, half polished; weight per dozen, 1⅛ lbs..... **$16.00**

Per Dozen

No. 2530 — Japanese pearl celluloid handle; length, 3½ inches; nickel silver bolster and cap; brass lined; nickel silver shield; two blades, large sabre edge clip and pen, half polished; weight per dozen, 2⅛ lbs..... **$16.00**

Per Dozen

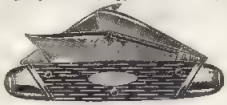
No. 3301—Stag handle; length, 3⅛ inches; nickel silver bolsters and shield; brass lining; three blades, large clip pen and file; full polished; weight per dozen, 1¼ lbs..... **$13.20**

Per Dozen

No. 3601—Genuine stag handle; length, 3⅝ inches; nickel silver fancy bolsters and shield; brass lined; 3 blades, large clip, spey and pen, full polished; weight per dozen, 2 lbs..... **$14.40**

Per Dozen

No. 3303—Stag handle; length, 3¼ inches; nickel silver bolsters and oval name plate; brass lining; three blades, large clip, spey and pen, full polished; weight per dozen, 1⅛ lb..... **$16.00**



Per Dozen

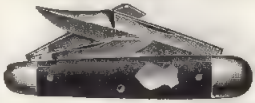
No. 3506 — New horn celluloid handle; lgt., 3⅝ ins.; nickel silver bolsters and shield; brass lined; three blades, large spear, small pen and spey, full polished; weight per dozen, 1⅛ lbs..... **$16.00**

Per Dozen

No. 3517—Smoked pearl celluloid handle, length, 3½ inches; nickel silver bolsters and name plate; brass lined; three blades, large clip, spey and small clip, half polished; weight per dozen, 1⅛ lbs **$16.00**

Per Dozen

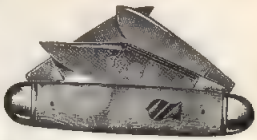
No. 3503—Cow horn celluloid handle; length, 3¼ inches; nickel silver bolsters and shield; three blades, California clip, spey and pen, half polished; weight per dozen, 1½ lbs..... **$9.60**



Per Dozen

No. 3202—Black celluloid handle; length, 3½ inches; nickel silver bolsters and shield; brass lined; three blades, large sabre clip, square point pen and spear, half polished; weight per dozen, 1⅛ lbs..... **$20.00**

Half dozen in a box.



Per Dozen

No. 3516—Smoked pearl celluloid handle; length 3⅝ inches; nickel silver bolster and shield; brass lined; three blades, large clip, spey and pen, half polished; weight per dozen, 2½ lbs..**$16.00**

No. 3501—Red and white futuristic celluloid handle; otherwise same as No. 3516..... **16.00**

Per Dozen

No. 3307—Stag handle; length, 3½ inches; nickel silver bolsters and shield; brass lined; three blades, large sabre clip, small clip and pen, half polished; weight per dozen, 1½ lbs.... **$20.00**

No. 3100—Rosewood handle; length, 3¼ inches; otherwise same as No. 3307; weight per dozen, 2 lbs... **16.00**

Per Dozen

No. 3505—Gray buffalo horn celluloid handle; length 3⅝ inches; nickel silver bolster and shield; brass lined; three blades, large sabre clip, pen and small clip, half polished; weight per dozen, 1⅝ lbs..... **$24.00**

No. 3302 — Stag handle; otherwise same as No. 3505..... **24.00**

Per Dozen

No. 3602—Genuine stag handle; length, 3⅝ inches; nickel silver fancy bolsters and shield; brass lined; three blades, large clip, spey and pen, full polished; weight per dozen, 1¾ lbs.... **$14.40**

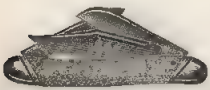
Per Dozen

No. 3509—White fish scale celluloid handle; length, 3½ inches; nickel silver bolsters, shield and lining; three blades, large clip, spey and sheepfoot, full polished; weight per dozen, 1⅝ lbs..$16.00

Per Dozen

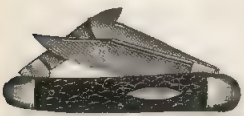
No. 3308 — Stag handle; length, 4 inches; nickel silver bolsters and shield; brass lined; three blades, large clip, sheepfoot and spey, full polished; weight per dozen, 1⅓ lbs..... $16.00

No. 3514 — White fish scale celluloid handle; otherwise same as No. 3308; weight per dozen, 2 lbs..... 16.00



Per Dozen

No. 3504 — Horn celluloid handle; length 3⅛ inches; nickel silver bolsters and lining; three blades, large clip, pen and sheepfoot, half polished; weight per dozen, 1⅝ lbs..... $20.00

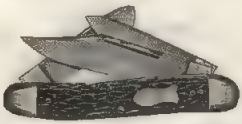


Per Dozen

No. 3305 — Stag handle; length, 3¼ inches; nickel silver bolsters and shield; brass lining; three blades, large clip, spey and pen, half polished; weight per dozen, 1⅝ lbs.... $20.00

No. 3200—Ebony handle; otherwise as No. 3305..... 20.00

No. 3510—Black horn handle; otherwise as No. 3305..... 20.00



Per Dozen

No. 3600 — Genuine stag handle; length, 3½ inches; nickel silver bolsters and shield; brass lined; three blades, large clip, spey and pen, half polished; weight per dozen, 1⅝ lbs..... $24.00

Per Dozen

No. 3511—Grained ivory celluloid handle; length, 3½ inches; nickel silver bullseye rivets; brass lining; three blades, large clip, sheepfoot and spey, half polished; weight per dozen, 1⅝ lbs..... $24.00

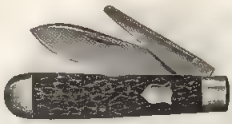
Per Dozen

No. 3518—Pearl celluloid handle; length, 3½ inches; fancy nickel silver bolsters; letters on handle and lined; milled; three blades, large clip, spey and pen, full polished; weight per dozen, 1⅝ lbs..... $24.00

No. 3519—Length 3½ inches; otherwise same as No. 3518; weight per dozen, 1⅝ lbs..... 24.00

Per Dozen

No. 4500—Japanese pearl celluloid handle; length, 3⅝ inches; nickel silver bolsters, shield and lining; four blades, large and small clip, spey and pen, full polished; weight per dozen, 1⅓ lbs..$24.00



Per Dozen

No. 2350—Stag handle; length, 3⅜ inches; nickel silver cap, bolster and shield; brass lined; two blades, large spear and punch, full polished; weight per dozen, 1½ lbs..... $9.60

Per Dozen

No. 2550 — Cow Horn pearl celluloid handle, length 3¾ inches; nickel silver bolster and shield; brass lined; two blades, large clip and punch, full polished; weight per doz., 1 1/4 lbs.. $9.60

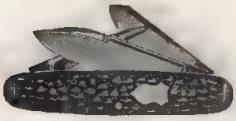
Per Dozen

No. 2352—Stag handle; length, 3½ inches; steel bolster; nickel silver shield; brass lined; two blades, large spear and punch, glazed finish; weight, per dozen, 2 lbs..... $9.60

Per Dozen

No. 2351 — Stag handle; length 3⅝ inches, nickel silver bolsters and shield, brass lined; two blades, large clip and punch, half polished; weight per dozen, 2 lbs..... $13.20

Half dozen in a box.



Per Dozen

No. 3362—Stag handle; length, 3⅝ inches; nickel silver bolsters and shield; brass and iron linings; three blades, spear, spey and punch, full polished; half dozen in a box; weight per dozen, 1½ lbs..... $9.60

No. 3363—Clip master blade; otherwise as No 3362 ..... 9.60

Per Dozen

No. 3551—Red celluloid handle; length, 3⅝ inches; nickel silver bolsters and shield; brass lined; three blades, large clip, spey and punch, half polished; weight per dozen, 1⅞ lbs..... $9.60

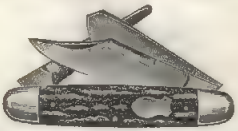
Per Dozen

No. 3560—Red and white futuristic celluloid handle; length, 3½ inches; nickel silver bolsters and shield; brass lined; three blades, full polished large spear, glased spey and punch, weight per dozen, 1½ lbs..... $13.20

No. 3562 — Brown and white wavy celluloid handle; clip blade, otherwise same as No. 3560..... 13.20

Per Dozen

No. 3351—Stag handle; length, 3⅝ inches; nickel silver bolster and shield; brass lined; three blades, large clip, spey and punch, full polished; weight per dozen, 2⅝ lbs..... $13.20



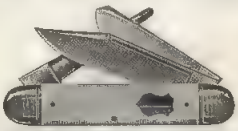
Per Dozen

No. 3651—Genuine stag handle; length, 3⅜ inches; nickel silver bolsters and shield; brass lined; three blades, large clip, spey and punch, full polished; weight per dozen, 2 lbs $14.40

Per Dozen

No. 3352—Stag handle; length, 3⅜ inches; nickel silver bolsters, shield and lining; milled; threeblades, large clip, spey and punch, full polished; weight per dozen, 2 lbs..... $16.00

No. 3364—Large spear blade; otherwise same as No. 3352..... 16.00



Per Dozen

No. 3552—Pearl celluloid handle; length, 3⅜ inches; nickel silver bolsters and shield; nickel silver lined; milled; three blades, large clip, spey and punch, full polished; weight per dozen, 2 lbs. $16.00

No. 3676—Brown and white wavy celluloid handle; otherwise as No. 3552.. 16.00

No. 3577—Blue and white wavy celluloid handle; otherwise as No. 3552.. 16.00

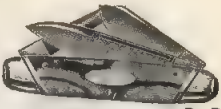
No. 3578—Black and white marble celluloid handle; otherwise as No. 3552. 16.00

No. 3575—Spear blade; red, grey and white celluloid handle; otherwise as No. 3552..... 16.00

Per Dozen

No. 3354 — Stag handle; length 3⅜ inches; nickel silver bolsters and shield, brass lined; three blades, large spear, spey and punch, full polished; weight per dozen, 1⅝ lbs..... $16.00

Half dozen in a box.



Per Dozen

No. 3556 — New horn celluloid handle: length 3¾ inches; nickel silver bolsters and shield; brass lined; three blades, large spear, spey and punch, full polished; weight per dozen, 1¾ lbs... $16.00

Per Dozen

No. 3564—Red celluloid handle; length, 3⅝ inches; nickel silver bolster and shield; brass lined; three blades, large clip, spey and punch, half polished; weight per dozen, 2⅝ lbs..... $16.00

Per Dozen

No. 3553—Green and white futuristic celluloid handle; length, 3½ inches; nickel silver bolsters and shield; nickel silver lined; milled; three blades, large clip, spey and punch, full polished; weight per dozen, 2¼ lbs..... $16.00

No. 3566—Red celluloid handle, length, 3⅝ inches; nickel silver bolster, lining and shield; three blades, large clip, spey and punch, full polished; weight per dozen, 2¾ lbs..... $14.40

"Some people spend so much time talking about SERVICE that they haven't much time to give any"

Per Dozen

No. 3359—Stag handle; length, 3⅝ ins.; nickel silver bolster and shield; brass lined; three blades; large spear, spey and punch, half polished; weight per dozen, 2½ lbs..... **$16.00**

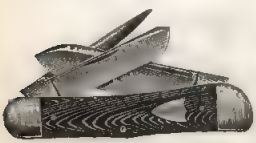
Per Dozen

No. 3559—Black and white marble celluloid handle; length, 3⅝ inches; nickel silver bolsters and shield; brass lined; three blades, large clip, spey and punch, half polished; weight per dozen, 2⅞ lbs..... **$20.00**

Each blade on separate spring.

Per Dozen

No. 3253—Black celluloid handle; length, 3¼ inches; nickel silver bolster and shield; brass lined; three blades, large clip, spey and punch, half polished; weight per dozen, 1⅛ lbs..... **$20.00**



Each blade on separate spring.

Per Dozen

No. 3555—Spanish horn handle; length, 3¼ inches; nickel silver bolsters and shield; brass lined; three blades, large spear, spey and punch, half polished; weight per dozen, 1⅛ lbs.... **$20.00**

Three spring pattern. Per Dozen

No. 3353—Stag handle; length, 3¼ inches; nickel silver bolsters and shield; brass lined; three blades, large clip, spey and punch, full polished; weight per dozen, 1⅛ lbs..... **$20.00**

Each blade on separate spring. Per Dozen

No. 3358—Fish scale celluloid handle; length, 3⅞ inches; nickel silver diagonal bolsters; German silver lined; three blades, large clip, spey and punch, half polished; weight, per dozen 1⅛ lbs **$20.00**

Each blade on separate spring. Per Dozen

No. 3250—Ebony handle, length, 3⅝ inches; nickel silver hollow bolsters and shield; brass lined; three blades, large spear, spey and punch, half polished; weight per doz., 2½ lbs.. **$20.00**

Each blade on separate spring.

Per Dozen

No. 3563—Pearl celluloid handle; length, 3⅝ inches; nickel silver bolsters and shield; brass lined: three blades, large clip, spey and punch, half polished; weight per dozen, 2¼ lbs..... **$20.00**

Per Dozen

No. 3355—Stag handle; length, 3⅝ inches; nickel silver bolsters and name plate; brass lined; three blades, sabre clip, spey and punch, half polished; weight per dozen, 2⅛ lbs.... **$24.00**

Per Dozen

No. 3554—Black and white mottled celluloid handle; length, 3¼ inches; nickel silver bolsters and shield; three blades, California clip, spey and punch, half polished; weight per dozen, 1¼ lbs..... **$8.00**

Per Dozen

No. 3652—Genuine stag handle; length, 3⅜ inches; nickel silver bolsters and shield; brass lined; three blades, large clip, spey and punch, full polished; weight per dozen, 1¾ lbs..... **$14.40**

Per Dozen

No. 3571—Cow horn celluloid handle; length, 3¼ inches; nickel silver bolsters and shield; brass lined; three blades; large clip, spey and punch, half polished; weight per dozen, 1½ lbs..**adz $16.00**

No. 3573—Grey bone celluloid handle; no shield; otherwise as No. 3571 **16.00**

Half dozen in a box.

Sleeping Eye Doll

15 Inch Mama Doll, stuffed body, composition legs, arms and head. Moving eyes, voice and wig. Dressed with shoes and stockings, nainsook, combination underwear and an organdy dress and hat, trimmed with lace and tied with ribbon.

No. 36N311.
Per dozen 8.25

19 Inch Moving Eye Mama Doll, sewed mohair wig, composition head, legs and arms, cotton stuffed body, crying voice, fancy batiste dress with hat to match, shoes and stockings.

No. 36N312.
Per dozen 12.50
Each 1.10

21 Inch Mama Doll, stuffed body and composition head, arms and legs. Voice, moving eyes, eyelashes and wig. Dressed with shoes and stockings, nainsook combination underwear, organdy dress and bonnet, trimmed with lace and ruffles tied with a ribbon.

No. 36N313.
Per dozen 16.50
Each 1.50

22 Inch Mama Doll— Moving eyes and lashes, sewed mohair wig, composition head, legs and arms, cotton stuffed body, crying voice, cap to match, petticoat, bloomer combination, shoes and silk stockings. Packed each in box.

No. 38N314.
Per dozen 19.50
Each 1.75

20 Inch Doll, composition head, arms and legs, human hair, long curl wig, moving eyes, lashes, open mouth showing teeth and tongue, cotton stuffed body, voice, fancy silk rayon dress with ribbon to match. Packed each in box.

No. 38N315.
Per dozen 18.00
Each 1.65

22 Inch Mama Doll, human hair curl wig, moving eyes and lashes, composition head, arms and legs. Ruffed organdy dress with hat to match, combination bloomer-petticoat, shoes and stockings. Packed each in box.

No. 36N316.
Per dozen 22.50
Each 2.00

23 Inch Mama Doll. Stuffed body, with voice, composition head, arms and legs. Moving eyes, eyelashes, open mouth, tongue and teeth, human hair curls, nainsook combination underwear, slip and organdy dress and bonnet, trimmed with lace and ruffles, shoes and stockings. Packed each in box.

No. 36N317.
Per dozen 22.50
Each 2.00

24 Inch Doll; superbly beautiful; long curls of human hair, has eyes that sleep; lashes; open mouth; teeth and tongue. Tilting head; arms and legs of composition. Beautiful organdy dress, collar trimmed with lace; ribbons and flowers; ribbon bow in hair. Crying voice; packed one to a box.

No. 36N318.
Per dozen 22.50
Each 2.00

IF IT'S NEW WORLD'S LARGEST NOVELTY HOUSE N. SHURE CO., CHICAGO WE HAVE IT

Popular Priced Dolls

Attractive Full Composition Doll, 11½ inches high. Painted features and hair, beautiful printed cotton dress with large ribbon bow to match. Complete with undergarments, shoes and stockings. Jointed arms and legs. Packed each in an attractive display box.

No. 36N274.
Per dozen.... 3.50

20-inch Dressed Doll with composition legs, arms and head, painted hair and eyes, shoes and stockings, jointed arms, stuffed body, bloomers, fancy print dress and organdie collar on doll, with a bonnet to match. Packed one in a box.

No. 36N300. Per dozen..... 8.00

14-inch Full Composition Doll. Jointed arms and legs. Swivel head Painted features. Lawn dress with hat to match. Complete with undergarments, shoes and stockings. Packed each in box.

No. 36N288.
Per dozen.... 3.60

16-inch Patsy Doll, full composition, painted eye. Organdy dress with nainsook trimming and bonnet to match. Full nainsook pants. Packed each in box

No. 36N297.
Per dozen 6.75

18-inch Doll. Composition head, arms and legs. Excelsior stuffed body. Painted hair and eyes. Dressed in printed cloth dress with beret. Removable shoes and socks. Packed 1 dozen to box.

No. 36N303.
Per dozen 8.00

19 Inches High. All composition, turning head with ribbon bow. Jointed arms and legs. Organdy dresses trimmed with lace, ribbon bow attached to neck in center of dress. Has white lawn bloomers, removable shoes and stocking. Packed each in box.

No. 36N298.
Per dozen. 7.20

Attractive Full Composition Doll, 16 inches high. Has painted features and hair. Beautiful printed cotton dress with large ribbon bow to match. Complete with undergarments, shoes and stockings. Jointed arms and legs. Packed each in an attractive display box.

No. 36N275.
Per dozen. 8.00

16 Inches High. All composition, turning head and spring attached arms and legs. Organdy dresses with bonnette match; neck, sleeves and peak of bonnet trimmed with lace. White lawn bloomers, shoes and stockings. Packed each in box.

No. 36N299.
Per dozen 6.00

Doll 18 Inches high, composition head, arms and legs, mohair wig, stuffed body, removable shoes and socks, assorted colored dresses with bonnets to match. Packed ½ dozen to the box.

No. 36N301.
Per dozen 7.50

All - Composition Colored Doll, size 17 inches, movable arms and legs, turnable head, open mouth, teeth and tongue, dressed as Jemima with Jemima style dress, apron, bandana, cap, shoes and stockings.

No. 36N304.
Per dozen. 8.00

Doll 18 Inches high, composition head, arms and legs, moving eyes, stuffed body, removable shoes and socks, assorted colored dresses with bow ribbon tied around head. Packed ½ dozen to the box.

No. 36N302.
Per dozen. 7.50

WOOD BENCH PLANES

BAILEY

Adjustable

Frog is Held in Place by Two Machine Screws which Pass Through the Top Iron and Screw into Two Brass Lugs; Lugs Screwed and Securely Pinned into Wood Bottom, Holds Together Firmly the Wood Bottom, the Toe Iron which Strengthens the Wood Bottom and the Frog.

The Bottom, Handle and Knob are Made from Selected and Well Seasoned Beech; the Cutters are the Regular Bailey Type and are Adjustable Endwise and Sidewise; Length, 15 inches. JACK; Size Cutter, 2 inches.

	Each
No. 26—Weight Each, 8¼ lbs.	$5 30

One in a Paper Package

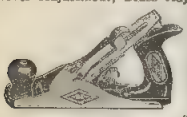
IRON BENCH PLANES

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG IN THE U. S. PAT. OFFICE

Adjustable

Black Enameled Cast Iron Frame; Face of Bottom and Sides Ground True and Smooth; Composition Rubber Handle; Ebonized Wood Knob; Full Polished Cap and Cutter; Highest Grade Tool Steel Thin Bit Cutters; Oil Tempered, Ground and Hand Sharpened; Screw and Lever Adjustment; Brass Adjusting Nut.



(Corrugated Bottom)

Smooth Bottom

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
DE3	8¾	1¾	3½	$4.80
DE4	9	2	3¾	5 00

One in a Box

Corrugated Bottom; Smooth

Corrugated Bottom Lessens Friction and Makes an Easier Running Tool.

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
DEC3	8¾	1¾	3½	$5 20
DEC4	9	2	3¾	5.30

One in a Box

(Corrugated Bottom)

Smooth Bottom

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
DE5	14 JACK	2	5	$5.70
DE6	18 FORE	2⅜	7½	8.00
DE7	22 JOINTER	2⅜	8½	9.80

One in a Box

Corrugated Bottom

Corrugated Bottom Lessens Friction and Makes an Easier Running Tool.

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
DEC5	14 JACK	2	4¾	$6 00
DEC6	18 FORE	2⅜	7½	8.50
DEC7	22 JOINTER	2⅜	8¼	10.20

One in a Box

IRON BENCH PLANES

*SHAPLEIGH'S Bridge

REG IN THE U S PAT OFFICE

Adjustable

Best Quality Cast Iron Parts; Ground Face and Sides; Japanned Inside; Varnished Hardwood Handle and Knob; Brass Adjusting Screws; Lateral and Longitudinal Adjustments; the Cutter is of High Grade Tool Steel; Works Equally Well in Hard and Soft Wood.

(Corrugated Bottom)

Smooth Bottom

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
BX2	7½	1½	2½	$5.10
BX3	8¾	1¾	3¼	5.10
BX4	9	2	3¾	5.30

One in a Box

Corrugated Bottom; Smooth

Corrugated Bottom Lessens Friction and Makes an Easier Running Tool.

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
BX3C	8¾	1¾	3¼	$5.50
BX4C	9	2	3⅝	5.60

One in a Box

(Corrugated Bottom)

Smooth Bottom

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
BX5	14 JACK	2	4¾	$5.60
BX6	18 FORE	2⅜	7	8.30
BX7	22 JOINTER	2⅜	8½	10.00

One in a Box

Corrugated Bottom

Corrugated Bottom Lessens Friction and Makes an Easier Running Tool.

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
BX5C	14 JACK	2	4½	$6 30
BX6C	18 FORE	2⅜	7	9.00
BX7C	22 JOINTER	2⅜	7¾	10.40

One in a Box

IRON BENCH PLANES

STANLEY

Bed Rock; Adjustable

Japanned Cast Iron Frame; Rosewood Handl and Knob; Finest Quality Thin Steel Cutte Ground and Honed.

Cutter Frog and Bottom so Designed Machined and Fitted that They are Practicall One Solid Piece of Metal.

The Frog May be Adjusted Either Forwar or Backward without Removing the Lever an Cutter; Simply Slacken the Tension of the Tw Frog Clamping Screws, and with a Scre Driver Adjust the Frog by Means of th Frog Adjusting Screw, then Tighten the Fro Clamping Screws.

The Cutter is Adjustable Endwise by Mean of the Adjusting Wheel at the Back of the Frog it is Also Adjustable Sidewise by Lever Locate Near the Top and at the Back of the Cutte

(Corrugated Bottom)

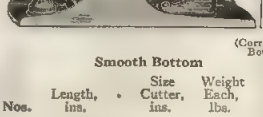
Smooth Bottom

Nos.	Length, ins.	Size Cutter, ins.	Weight Each, lbs.	Each
602	7 SMOOTH	1⅝	2⅞	$5 0
603	8 SMOOTH	1¾	3½	5.0
604	9 SMOOTH	2	3⅞	5.3

Corrugated Bottom

Nos.				Each
603C	8 SMOOTH	1¾	3½	$6.0
604C	9 SMOOTH	2	4	6.0

One in a Box



(Corrugated Bottom)

Smooth Bottom

Nos.	Length, ins.	Size Cutter, ins.	Weight Each, lbs.	Each
605	14 JACK	2	5	$6.6

Corrugated Bottom

605C	14 JACK	2	4⅞	6.9

Smooth Bottom

606	18 FORE	2⅝	7	9.3

Corrugated Bottom

606C	18 FORE	2⅝	6⅛	9.6

Smooth Bottom

607	22 JOINTER	2⅝	7⅛	11.0

Corrugated Bottom

607C	22 JOINTER	2⅝	7⅝	11.6

One in a Box

IRON BLOCK PLANES

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Refined Cast Iron Frame and Cap; Highest Grade Tool Steel Thin Bit Cutter; Oil Tempered, Ground and Hand Sharpened.

Non-Adjustable

Japanned Top and Cap; Polished Face and Sides; Beechwood Knob; Length, 7 inches; 1⅝ inch Cutter. Each

No. DE110—Weight Each, 1⅜ lbs.....$1.35
One in a Box

With Handle Non-Adjustable

Japanned Top, Sides, Cap and Handle; Ground Face; Length, 3½ inches; 1-inch Cutter. Each

No. DE100—Weight Each, ½ lb.....$0.75
One in a Box

Without Handle Non-Adjustable

Japanned Top, Sides and Cap; Ground Face; Length, 3½ inches; 1-inch Cutter. Each

No. DE101—Weight Each, ¼ lb.....$0.70
Six in a Box

*SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

Best Quality Cast Iron Body and Cap; Tool Steel Cutters, Tempered Ground and Polished; Machined and Polished Cast Iron Face and Sides; Ground Face and Sides.

Adjustable

Japanned Top and Cap; Polished Bottom and Sides; Brass Adjusting Nut; Adjustable Throat which Can be Quickly Opened or Closed for Coarse or Fine Work; Sides are Depressed to Give Firm Grip Hold on Tool; Lateral and Longitudinal Adjustment.

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
BX9½	6¼	1⅝	1¼	$2.70
BX15	7	1⅝	1⅝	2.95

One in a Box

Knuckle Joint Adjustable

Japanned Top; Polished Face and Sides; Nickel Plated Brass Adjusting Nuts and Trimmings; Adjustable Throat Which Can be Quickly Opened or Closed for Coarse or Fine Work; Sides are Depressed to Give Firm Grip Hold on Tool; Lateral and Longitudinal Adjustment; Length, 6¼ inches; 1⅝-inch Cutter. Each

No. BX18—Weight Each, 1⅝ lbs.....$3 50
One in a Box

Low Angle Adjustable

Japanned Top; Polished Face and Sides; Nickel Plated Brass Adjusting Nuts and Trimmings; Adjustable Throat Which Can be Quickly Opened or Closed for Coarse or Fine Work; Sides are Depressed to Give Firm Grip Hold on Tool; Lateral and Longitudinal Adjustment; Length, 6 inches; Size Cutter, 1⅝ inches. Each

No. BX60½—Weight Each, 1¼ lbs.....$2.95
One in a Box

IRON BLOCK PLANES

*SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE

Best Quality Cast Iron Body and Cap; Tool Steel Cutters, Tempered, Ground and Polished; Machined and Polished Cast Iron Face and Sides; Ground Face and Sides.

Non-Adjustable, Double End

Japanned Frame and Trimmings; Walnut Knob; has Two Slots and a Movable Cutter Seat; Cutter Can be Removed and Seat Reversed when it is Desired to Use the Tool as a Nosing Plane when Working Up to Walls or into Corners; Length, 8inches; 1⅝-inch Cutter. Each

No. BX130—Weight Each, 1¾ lbs.....$2 30
One in a Box

Non-Adjustable

Blade Secured or Released by Turning Thumb Wheel; Cast Iron Body and Cap, Japanned; Ground Face and Blade; Tool Steel Cutter, Tempered, Ground and Polished; Length, 5½ inches; 1⅝ inch Cutter. Each

No. BX102—Weight Each, ¾ lb.....$1.10
One in a Box

Non-Adjustable

Blade Secured or Released by Turning Thumb Wheel; Cast Iron Body and Cap, Japanned; Ground Face and Blade; Tool Steel Cutter, Tempered, Ground and Polished; Length, 7 inches; 1⅝ inch Cutter. Each

No. BX110—Weight Each, 1¾ lbs.....$1.30
One in a Box

Lever Adjustment

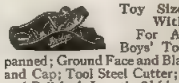
Blade Secured or Released by Turning Thumb Wheel; Longitudinal Adjustment Cutter; Length, 6½ inches; 1¼-inch Cutter. Each

No. BX103—Weight Each, ¾ lb.....$1.30
One in a Box

Screw Adjustment

Japanned Top and Cap; Polished Face and Sides; Length, 7 inches; 1⅝-inch Cutter. Each

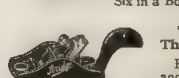
No. BX220—Weight Each, 1½ lbs.....$2.10
One in a Box



Toy Size, Plain Throat Without Handle

For Amateurs' Use and Boys' Tool Chests; All Japanned; Ground Face and Blade; Cast Iron Body and Cap; Tool Steel Cutter; Tempered, Ground and Polished; Length, 3½ inches; 1-inch Cutter. Each

No. BX101—Weight Each, ¼ lb.....$0.65
Six in a Box



Toy Size, Plain Throat With Handle

For Amateurs' Use and Boys' Tool Chests; All Japanned; Ground Face and Blade; Cast Iron Body and Cap; Tool Steel Cutter; Tempered, Ground and Polished; Length, 3½ inches; 1-inch Cutter. Each

No. BX100—Weight Each, ⅓ lb.....$0.65
One in a Box

IRON BLOCK PLANES

STANLEY

Lever Adjustment

For Light Work; The Cutter is Adjustable Endwise, the Form of Adjustment Being Known as the Lever Adjustment; The Small Boss Cast on the Front of the Plane Serves as a Convenient Finger Rest for the Operator; The Bottom is Ground True Sides Japanned; Length, 8½ inches; 1¾-inch Cutter. Each

No. 103—Weight Each, ¾ lb.....$1.50
One in a Box

Screw Adjustment

With Rosewood Knob on Front; In Many Ways Better Adapted for Average Use Than Any of the Cheaper Block Planes Made; It is Ground on Both Bottom and Sides; The Cutter is Made of High Grade Steel, is Fastened by a Lever and Cam, and is Adjustable Endwise by a Screw Adjustment Operated from the Rear of the Plane; Length, 7 inches; 1⅝-inch Cutter. Each

No. 220—Weight Each, 1⅝ lbs.....$2.30
One in a Box

Special Double End Non-Adjustable

Hardwood Knob; Japanned Trimmings; Two Slots and Two Cutter Seats; The Center Seat and Slot to be Used for Ordinary Block Plane Work, the Other Slot and Seat for Use When it is Desired to Work Same as a Bull Nose Plane; Length, 8 inches; 1⅝-inch Cutter. Each

No. 130—Weight Each, 1¾ lbs.....$2.50
One in a Box

Double End Adjustable

Rosewood Knob; Japanned Trimmings; Combination Block and Bull Nose Plane; It has Two Slots and a Movable Cutter Seat; Use Center Cutter Seat and Slot for Ordinary Block Plane Work; For Use as a Bull Nose Plane Remove the Cap and Cutter, Reverse the Cutter Seat by Throwing Over the Adjusting Wheel Replace the Cap and Cutter in the New Position; Has the "Handy" Feature, and the Cutter is Adjustable Endwise; Length, 8 inches; 1⅝-inch Cutter. Each

No. 131—Weight Each, 1¾ lbs.....$4.50
One in a Box

Non-Adjustable

Polished Hardwood Knob Both the Bottoms and Sides Are Ground; Japanned Trimmings; The Most Popular of All Non-Adjustable Block Planes; Length, 7 inches; 1⅝-inch Cutter. Each

No. 110—Weight Each, 1⅝ lbs.....$1.50
One in a Package

IRON BENCH PLANES

BAILEY

Adjustable

Cutter is Adjustable Endwise by the Adjusting Wheel at Back of Frog; Adjustable Sidewise by Lever Located Near Top and at Back of Cutter.

(Corrugated Bottom)

Japanned Cast Iron Frame; Rosewood Handle and Knob; Finest Quality Tempered Thin Steel Cutter, Ground and Honed Ready for Use

Smooth Bottom

Nos.	Length, ins.		Size Cutter, ins.	Wt. Ea., lbs.	Each
1	5½	SMOOTH	1¾	1¾	$4 70
2	7	SMOOTH	1⅝	2¼	5 30
3	8	SMOOTH	1¾	3⅛	5 30
4	9	SMOOTH	2	3¾	5.50

Corrugated Bottom

3C	8	SMOOTH	1¾	3⅛	$5 70
4C	9	SMOOTH	2	3¾	5.80

One in a Box

(Corrugated Bottom)

Smooth Bottom

Nos.	Length, ins.		Size Cutter, ins.	Wt. Ea., lbs.	Each
5	14	JACK	2	5	$6.30

Corrugated Bottom

5C	14	JACK	2	4¾	6.60

Smooth Bottom

6	18	FORE	2⅜	7	8 80

Corrugated Bottom

6C	18	FORE	2⅜	6½	9.30

Smooth Bottom

7	22	JOINTER	2⅜	7¾	10.80

Corrugated Bottom

7C	22	JOINTER	2⅜	8	11.30

One in a Box

STEEL BENCH PLANES

STANLEY

These Planes are the Regular Bailey Type of Bench Planes, Having the Same Adjustable Features as Regards the Frogs and Cutters.

The Combined Features of Malleable Iron Frog and Lever Cap and a Steel Bottom Render These Planes Practically Indestructible, and Give Them an Entirely New Appearance.

Japanned Steel Frame; Malleable Iron Frog and Lever Cap; Rosewood Handle and Knob; Finest Quality Tempered Thin Steel Cutter; Ground and Honed Ready for Use.

SMOOTH

Smooth Bottom

Length, 9 inches; 2-inch Cutter.

Each

No. S4—Weight Each, 3¼ lbs. $7 50

One in a Box

JACK

Smooth Bottom

Length, 14 inches, 2-inch Cutter.

Each

No. S5—Weight Each, 4½ lbs. $8.50

One in a Box

SCRUB PLANES

STANLEY

Quickly Planes Down to a Rough Dimension Any Board that is Too Wide to Conveniently Rip with a Hand Saw, an Operation that is Sometimes Called "Hogging." This is Made Possible by Reason of the Peculiar Shape of the Extra Heavy Cutter, the Cutting Edge of which is Rounded Instead of Square; Japanned Cast Iron; Beechwood Handle and Knob.

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
40	9½	1¼	2⅛	$3.20
40½	10¼	1¼	2⅛	4.00

One in a Box

LOW ANGLE JACK PLANES

STANLEY

Especially Adapted for Use in Cutting Across the Grain on Heavy Work Where More Power is Required than Can Be Obtained by the Use of the Ordinary Plane; It is Fitted with a Rosewood Handle and Knob, and is Designed to be Operated with Both Hands; Japanned Bottom, Nickeled Trimmings; Length, 14 inches; 2 inch Cutter.

Each

No. 62—Weight Each, 3¾ lbs. $8.80

One in a Box

IRON BLOCK PLANES

SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Refined Cast Iron Frame and Cap; Highest Grade Tool Steel Thin Bit Cutter; Oil Tempered, Ground and Hand Sharpened.

Regular Adjustable

Japanned Top, Cap and Trimmings; Polished Face and Sides; Brass Adjusting Nuts; Adjustable Throat which Can be Quickly Opened or Closed for Fine or Coarse Work, by a Movement of the Cam Lever at Nose.

Nos.	Lgth., ins.	Size Cutter, ins.	Wt. Ea., lbs.	Each
DE9½	6	1⅝	1½	$2 60
DE15	7	1⅝	1⅝	2.80

One in a Box

Knuckle Joint Adjustable

Japanned Top; Polished Face and Sides; Nickel Plated Cap; Brass Adjusting Nuts; Adjustable Throat which Can be Quickly Opened or Closed for Fine or Coarse Work, by a Movement of the Cam Lever at Nose; Length, 6¼ inches; 1⅝-inch Cutter.

Each

No. DEX13—Weight Each, 1⅝ lbs. $3.50

One in a Box

Low Angle Adjustable

Japanned Top and Lever Cap; Polished Face and Sides; Dull Nickeled Adjusting Nut and Lever; Brass Finger Rest Knob; Nickel Plated Eccentric Plate; Adjustable Throat which Can be Quickly Opened or Closed for Fine or Coarse Work, by a Movement of the Cam Lever at Nose.

Nos.	Length, inches	Size Cutter, inches	Wt. Ea., lbs.	Each
DEX60½	6	1⅝	1¼	$2.90
DEX65½	7	1⅝	1½	3.30

One in a Box

Regular Wood Knob Adjustable

Japanned Top and Caps; Polished Face and Sides; Beechwood Knobs; Length, 7 inches; 1⅝-inch Cutter.

Each

No. DEX220—Weight Each, 1½ lbs. $2.10

One in a Box

Double End Non-Adjustable

Japanned Top and Cap; Polished Face and Sides; Beechwood Knob; with Two Slots and Reversible Cutter Seat; Length, 7¼ inches; 1⅝-inch Cutter.

Each

No. DEX130—Weight Each, 1⅝ lbs. $2.30

One in a Box

Japanned Top, Sides and Cap; Ground Face; Length, 5⅜ inches; 1⅝-inch Cutter.

Nos.	Kind	Weight Each, lb.	Each
DE103	Adjustable	¾	$1.35
DE102	Non-Adjustable	¾	1.10

One in a Box.

RABBET PLANES

STANLEY

These Planes Will Lie Perfectly Flat on Either Side and Can Be Used Equally as Well with Right or Left Hand While Planing Into Corners or Up Against Perpendicular Surfaces. Length, 8 inches; Handled; Cast Iron; Japanned; Fitted with a Spur which Permits the Plane Being Used for Working Across the Grain; Also Fitted with a Detachable Depth Gauge.

Nos.	Size Cutter, ins.	Weight Each, lbs.	Each
190	1⅝	2½	$3 20
191	1¼	2⅝	3.20
192	1	2⅛	3.20

One in a Box

CARRIAGE MAKERS

These Planes Are Especially Adapted for the Heavy Framing Required in Mining Work, for Carriage or Wagon Building, or in Any Work of Similar Nature; They Are Constructed Along the Lines of the Bailey Plane, Having a Cutter of the Double Type and Being Adjustable Both Endwise and Sidewise.

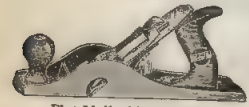
Flat Malleable Bottom

Rosewood Handle and Knob; Length 9 inches; 2⅛ inch Cutter.

Each

No. 10½—Weight Each, 3½ lbs. $8.80

One in a Box



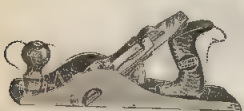
Flat Malleable Bottom

Rosewood Handle and Knob; Length, 13 inches; 2⅛ inch Cutter.

Each

No. 10—Weight Each, 4½ lbs..... $10.70

One in a Box



Flat Malleable Bottom; Tilting Handle

This Plane Not Only Has All the Features of Nos. 10 and 10½, But in Addition Both the Handle and Knob Can be Tilted to Either Side; This Permits of the Plane Being Worked with Ease Close up to Perpendicular Sides of Any Height Without Hurting the Hands of the User; Fitted with Spurs on Both Sides; Rosewood Handle and Knob; Length, 13 inches; 2⅛-inch Cutter.

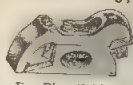
Each

No. 10¼—Weight Each, 4½ lbs..... $13 00

One in a Box

RABBET PLANES

STANLEY



CABINET MAKERS

BULL NOSE PATTERN

Nickel Plated Cast Iron

For Fine Cabinet or Other Work Where Extreme Accuracy is Required; the Sides and Bottom Being Square with Each Other, the Planes Will Lie Perfectly Flat on Either Side and Can be Worked Either Right or Left Hand; Mouth Can Be Widened or Narrowed as Coarse or Fine Work May Require; Fitted with Side Groove or "Handy" Grip Feature; the Cutters Are Adjustable Endwise

This Plane is so Designed that it Can be Used Close Up into Corners or Other Difficult Places; Length, 4 inches; 1-inch Cutter.

Each

No. 90—Weight Each, 1⅝ lbs.....$6 60

One in a Box

CABINET MAKERS

REGULAR PATTERN

Nickel Plated Cast Iron

For Fine Cabinet or Other Work Where Extreme Accuracy is Required; the Sides and Bottom Being Square with Each Other, the Planes Will Lie Perfectly Flat on Either Side and Can be Worked Either Right or Left Hand; Mouth Can be Widened or Narrowed as Coarse or Fine Work May Require; Fitted with Side Groove or "Handy" Grip Feature; the Cutters Are Adjustable Endwise.

Nos.	Lgth., ins.	Size Cutter, in.	Wt. Ea., lbs.	Each
92	5½	¾	1	$6 60
93	6½	1	1½	7.80

One in a Box

BULL NOSE RABBET PLANES

STANLEY

Cast Iron; Japanned This Plane Will Be Found Very Useful for Working Close up into Corners or Other Difficult Places; The Mouth Can be Adjusted for Different Widths by Means of the Set Screw on Top of the Plane; Length, 4 inches; 1-inch Cutter.

Each

No. 75—Weight Each, ⅝ lb..... $1 20

One in a Box

EDGE PLANES

STANLEY

CABINET MAKERS

For Cabinet Work. It Has a Cutter Resting on a Solid Bed Practically its Entire Length; The Cutting Edge Being Located at the Extreme End of the Plane Gives the Tool the Form of a Chisel; No Other Plane Can Be Worked in Such a Small Space or so Close Up into Corners; The Cutter is Adjustable Endwise; Rosewood Knob; Cast Iron, Japanned; Length, 10 inches; 2¼-inch Cutter.

Each

No. 97—Weight Each, 2½ lbs..... $7 70

One in a Box

EDGE TRIMMING PLANES

STANLEY

Designed Especially for Trimming or Smoothing the Ends of Boards, Such as Sidings, etc., for a Square or Close Fit; It Has a Right Angle Rest, or Guide from the Cutter Edge, and the Cutter Works on a Skew Giving an Easy Shaving Cut; In the Rest or Guide are Two Screw Holes to Which Wood Blocks of Various Bevels May be Attached, Enabling the User to Make a Slanting Cut; Length, 6 inches; Japanned Cast Iron; ⅜ inch Cutter.

Each

No. 95—Weight Each, 1¼ lbs..... $2.90

One in a Box

CORNER ROUNDING PLANES

STANLEY

Designed for Rounding Corners on Battens, Casings, Shelving, Etc.; Holes in Frame Permit Thumbs to Pass Through, Assuring Easy Grip; Made in Three Sizes to Cut ¼ inch, ⅝ inch and ½ inch Circles; Cast Iron; Japanned; Length, 7½ inches.

Nos.	Size Cutter, in.	Weight Each, lbs.	Each
144/¼	¼	1¼	$2.50
144/⅝	⅝	1¼	2.50
144/½	½	1¼	2 50

One in a Box

SIDE RABBET PLANES

STANLEY

A Combination of Right Hand and Left Hand for Trimming Dados, Mouldings and Grooves of All Sorts; Right or Left Hand; Nickel Plated Cast Iron; Length, 6½ inches; ½ inch Cutter.

Each

No. 78—Weight Each, ⅝ lb..... $3.60

One in a Box

Very Convenient for Side Rabbeting in Trimming Dados, Mouldings and Grooves of All Sorts; A Reversible Nose-Piece Gives the Tool a Form Whereby it Will Work Close Up into Corners When Required; Depth Gauges; Nickel Plated Cast Iron; Rosewood Knob; Length, 4 inches; ½-inch Cutter.

Nos.	Hand	Weight Each, lb.	Each
98	Right	1/16	$3.40
99	Left	1/16	3.40

One in a Box

IRON BLOCK PLANES

STANLEY

Non-Adjustable
Ground Bottom; Japanned Sides; Boss on Front Acts as a Finger Rest; Length, 5½ inches; 1⅝ inch Cutter.

Each

No. 102—Weight Each, ¾ lb.....**$1.20**
One in a Box

Non-Adjustable
The Cutters Are of High Grade Steel, and Are Carefully Tempered and Ground. The Boss on the Front Acts as a Finger Rest; The Bottom is Ground and the Sides Japanned; Length, 3½ inches; 1 inch Cutter.

Each

No. 101—Weight Each, ¼ lb.....**$0.65**
Six in a Box

Non-Adjustable
With Iron Handle, Ground Bottom; Japanned Sides; The Iron Handle Fits Nicely in the Palm of the Hand and Insures a Firm Grip; Length, 3½ inches; 1-inch Cutter.

Each

No. 100—Weight Each, ⅝ lb.....**$0 80**
One in a Box

BAILEY

Adjustable

Cutter Can Be Adjusted Either Endwise or Sidewise; Adjustable Throat which Permit the Opening or Closing of the Mouth as Coarse or Fine Work may Require.

Length, 6 inches; 1⅝ - inch Cutter; Japanned Trimmings.

Each

No. 8½—Weight Each, 1½ lbs.....**$2 90**
One in a Box

Length, 7 inches; 1⅝ - inch Cutter; Japanned Trimmings.

Each

No. 15—Weight Each, 1⅝ lbs.....**$3.10**
One in a Box

Knuckle Joint Nickel Plated
Fitted with Cap, Entirely of Steel; 1⅝-inch Cutter.

Nos.	Length, ins.	Weight Each, lbs.	Each
16	6	1½	**$3.90**
19	7	1⅝	**4.30**

One in a Box

IRON BLOCK PLANES

BAILEY

For Manual Training Classes

Has Few Adjustments and Fits the Boy's Hand Comfortably; Made Entirely of Steel, it is Practically Unbreakable; Low Angle—Cutter Rests on its Seat at an Angle of 12 Degrees; Screw Adjustment for Cutter; Throat is Non-Adjustable; Steel Finger Rest Knob; Polished and Dull Nickel Finish; Length, 6 inches; Width of Cutter, 1⅝ inches.

Each

No. 118—Weight Each, 1¼ lbs.....**$4.20**
One in a Box

LOW-ANGLE BLOCK PLANES

STANLEY

In the Low-Angle Planes the Cutter Rests on its Seat at an Angle of Only 12 Degrees; This Angle Permits of Great Ease in Working Across the Grain on Hard Woods.

All Cutters are Made of High Grade Steel and are Adjustable Endwise by Means of the Adjusting Wheel at the Rear of the Plane.

Adjustable Throat
for Coarse or Fine Work; Length, 6 inches; 1⅝ - inch Cutter; Weight Each, 1¼ lbs.

Nos.	Kind Trimming	Weight Each, lbs.	Each
60	Nickel	1¼	**$3.60**
60½	Japanned	1¼	**3.20**

One in a Box

Solid Throat, Not Adjustable; Rosewood Knob; Nickeled Trimmings; The Cutters are Adjustable Endwise; Length, 6 inches; 1⅝-inch Cutter.

Each

No. 61—Weight Each, 1⅝ lbs.....**$3 20**
One in a Box

Adjustable Throat
for Coarse or Fine Work; Japanned Trimmings; Length, 7 inches; 1⅝-inch Cutter.

Each

No. 65½—Weight Each, 1½ lbs.....**$3.60**
One in a Box

Knuckle Joint Adjustable Throat
for Coarse or Fine Work; with Patented Knuckle Joint Lever; Knuckle Joint Nickeled. Length, 7 inches; 1⅝ inch Cutter.

Each

No. 65—Weight Each, 1½ lbs.....**$4 40**
One in a Box

RABBET AND BLOCK PLANES

STANLEY

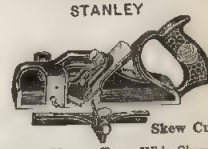
Cast Iron, Japanned Frame Nickeled Trimmings; Rosewood Knob; A Detachable Side Will Easily Change It from a Block Plane to a Rabbet Plane, and Vice Versa; The Cutter is Adjustable Endwise, and Set on a Skew; Length, 7 inches; 1⅝ inch Cutter.

Each

No. 140—Weight Each, 1¾ lbs.....**$3 80**
One in a Box

RABBET AND FILLETSTER PLANES

STANLEY

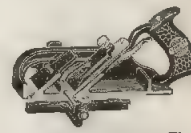


Skew Cutter

This Plane Has an Extra Wide Skew Cutter; An Adjustable Spur is Fitted to Each Side; The Fence and Depth Gauge Can be Attached to Either Side; the Plane is Therefore Suitable for Right or Left Hand Work; The Adjustable Fence Slides Under the Bottom, Regulating the Width of the Cut; Remove Arms and Fence, and a Skew Cutter Rabbet Plane is Obtained; Length, 8½ inches; Cast Iron Handles; Japanned; 1¾-inch Cutter.

Each

No. 288—Weight Each, 4 lbs.....**$6 20**
One in a Box



Duplex

This Plane has Two Seats for the Cutter, One for Regular Work and the Other where a Bull-nose is Required; It has a Spur and a Removable Depth Gauge; The Adjustable Fence Can be Used on Either Side and Slides Under the Bottom, Regulating the Width of the Cut; To Work Same as a Rabbet Plane Remove Fence and Arms; Length, 8½ inches; Cast Iron Handles, Japanned; 1½-inch Cutter.

Each

No. 78—Weight Each, 3¾ lbs.....**$4 00**
One in a Box

The Sides and Bottom Being Square with Each Other, the Plane will Lie Perfectly Flat on Either Side.

It has an Adjustable Fence which Slides Under the Bottom, Regulating the Width of the Cut.

It is Fitted with Two Spurs, One on Each Side, for Working Across the Grain; Also an Adjustable Depth Gauge.

As Both the Fence and the Depth Gauge can be Attached to Either Side, the Plane is Suitable for Either Right or Left Hand Work.

The Front Part of the Plane Can be Easily Detached, thus Providing a Bull Nose Plane for Working Close up into Corners or Other Difficult Places; The Cutter is Adjustable Endwise.

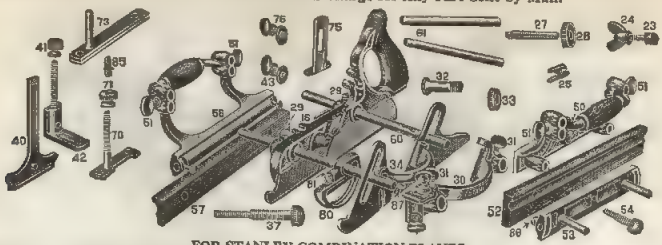
Cast Iron; Japanned Trimmings; Length, 6¾ inches; 1-inch Cutter.

Each

No. 278—Weight Each, 2 lbs.....**$5 30**
One in a Box

PLANE PARTS

When Ordering, Always Give Kind and Number of Plane for Which Part is Wanted, as Well as the Figure Number of the Part Wanted. Ten Cents will be the Minimum Charge for Any Part Sent by Mail.



FOR STANLEY COMBINATION PLANES

No. of Part	Name of Part	No. of Plane	45		46		47	444	50		55		143	
1	Cutters	Per Set	✣$13.30	7.00	✣$7 60	4.00	✣$4 70	2.50	✣$6.60	3.50	✣$22.80	12.00	✣$7.60	4.00
16	Main Stock or Bottom	Each	✣ 9 50	5.00	✣ 9 50	5.00	✣ 9 50	5.00	✣ 4.70	2.50	✣ 11.40	6.00	✣11.40	6.00
23	Cutter Bolt	Each	✣ .58	.30	✣ .58	.30	✣ .58	.30	✣ .58	.30	✣ .58	.30		
24	Cutter Bolt Wing Nut	Each	✣ .58	.30	✣ .58	.30	✣ .58	.30	✣ .58	.30	✣ .58	.30		
25	Cutter Bolt Clip and Screw	Each	✣ .20	.10	✣ .20	.10	✣ .20	.10			✣ .20	.10		
27	Cutter Bolt Adjusting Screw	Each	✣ .38	.20							✣ .38	.20		
28	Cutter Bolt Adjusting Wheel	Each	✣ .38	.20							✣ .38	.20		
30	Sliding Section	Each	✣ 5.70	3.00	✣ 5.70	3.00	✣ 5.70	3.00	✣ 1.14	.60	✣ 2.80	1.50		
32	Thimble	Each									✣ .58	.30		
33	Thimble Check Nut	Each									✣ .58	.30		
34	Adjustable Bottom	Each									✣ 4.70	2.50		
37	Adjustable Bottom Screw	Each									✣ .76	.40		
40	Auxiliary Center Bottom	Each									✣ 1.14	.60		
42	Angle Iron and Adjusting Screw	Each									✣ 1.14	.60		
50	Left Fence	Each	2.80	1.50	✣ 2 80	1.50	✣ 3.80	2.00	✣ 2.80	1.50	✣ 5.10	2.70	✣ 3.80	2.00
52	Tilting Guard Plate (Wood)	Each									✣ .76	.40		
53	Tilting Iron With Swivel	Each									✣ 1.52	.80		
54	Left Fence Adjusting Screw	Each									✣ .76	.40		
56	Right Fence	Each					✣ 4.70	2.50			✣ 3.80	2.00		
57	Right Fence Tilting Plate	Each									✣ .76	.40		
60	Long Arm	Per Pair	✣ 1.90	1.00	✣ 1.90	1.00	✣ 1.90	1.00	✣ 1.90	1.00	✣ 1.90	1.00	✣ 1.90	1.00
61	Short Arm	Per Pair	✣ .96	.50	✣ .96	.50	✣ .96	.50			✣ .96	.50		
70	Adjusting Depth Gauge	Each	✣ .76	.40	✣ .76	.40	✣ .76	.40	✣ .76	.40	✣ .76	.40	✣ .76	.40
73	Adjusting Beading Stop	Each	✣ .76	.40							✣ 1.14	.60		
75	Slitting Cutter Stop	Each	✣ .38	.20	✣ .38	.20	✣ .38	.20	✣ .38	.20	✣ .38	.20		
80	Cam Stop	Each	✣ 1.52	.80 M							✣ 1.52	.80		
85	Spurs With Screws	Each	.20	.10	✣ .20	.10	✣ .20	.10	✣ .20	.10	✣ .20	.10		
29 31 11 43 51 58 71 79	Screws	Each	✣ .38	.20	✣ .38	.20	✣ .38	.20	✣ .38	.20	✣ .38	.20	✣ .38	.20

All Above, Loose

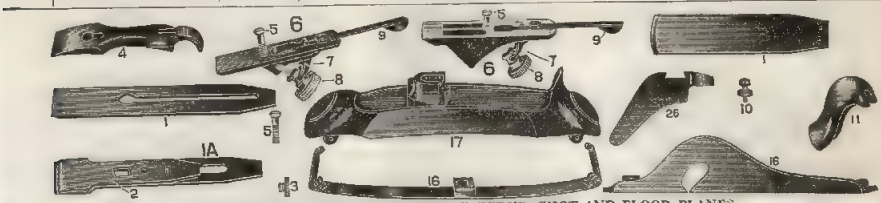
✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., New Britain, Conn.

PLANE PARTS

When Ordering, Always Give Kind and Number of Plane for Which Part is Wanted, as Well as the Figure Number of the Part Wanted. Ten Cents will be the Minimum Charge for Any Part Sent by Mail.

FOR STANLEY RABBET, MATCHING AND DADO PLANES

No. of Part	Name of Part	No. of Plane	39 Each		48, 49 Each		78 Each		146, 147, 148 Each		171 Each		190, 191, 192 Each		239, 239½ Each		278 Each		289 Each	
1	Single Plane Iron		✣$0.76	40	✣$0.76	40	✣$0.76	40	✣$2 50	1 30	✣$1.52	80	✣$0 76	40	✣$0 96	50	✣$0.76	40	✣$1 14	.60
1M	Match Cutters									.55	.30									
4	Lever Cap		✣ .38	20	✣ .38	.20	.38	20	✣ .58	.30			.38	20			✣ .38	.20	✣ .38	.20
16	Plane Bottom		✣4 60	2.40	✣7.60	4 00	✣3.80	2 00	✣5.70	3 00	✣3 40	1 80	✣3 40	1 80	✣5 70	3 00	✣3 80	2 00	✣4 60	2.40
50	Fence		✣1.90	1 00	✣1 90	1 00	.90	.50			✣1.14	60			✣1 52	80	✣ 96	50	✣ .76	.40
51	Fence Thumb Screw						✣ .20	.10			✣ .20	.10			✣ 20	.10	✣ .20	.10	✣ .20	.10
61	Short Arm						✣ .38	.20			✣ .76	.40			✣ .38	.20	✣ .38	.20	✣ .38	.20
70	Adjusting Depth Gauge		✣ .76	40			✣ 76	.40					✣ .76	.40	✣ 76	.40	✣ 76	.40	✣ 76	40
71	Depth Gauge Thumb Screw		✣ .38	.20			✣ .38	.20					✣ .58	30	✣ .20	10	✣ 38	20	✣ .38	.20
85	Spurs With Screws		✣ .38	.20			.20	.10					✣ .20	.10	✣ .96	.50	✣ 20	.10	✣ .20	.10



FOR STANLEY CARRIAGE, CIRCULAR SCRUB, SHOT AND FLOOR PLANES

No. of Part	Name of Part	No. of Plane	10, 10½ Each		10¼ Each		11, 11½ Each		113 Each		20 Each		40 Each		40½ Each		74 Each	
✣ 1A	Double Plane Iron	Price Same as			DED2⅛		DED2⅜		DED1¾		DED1¾						DED2⅝	
✣ 1	Single Plane Iron	Price Same as			DES2⅛		DES2⅜		DES1¾		DES1¾		$0 76	40	$0 96	.50	DES2⅝	
✣ 2	Plane Iron Cap		$0.66	.35	$0.66	.35	$0.66	.45	$0.66	.35	$0.66	.35					$0.96	.50
✣ 3	Cap Screw		.20	.10	.20	.10	.20	.10	.20	.10	.20	.10					.20	.10
✣ 4	Lever Cap		.96	.50	.96	.50	.96	.50	.96	50	.96	.50	.38	20	38	.20	1.14	60
✣ 5	Lever Cap Screw		.20	.10	20	.10	.20	.10	.20	.10	.20	.10	.20	.10	.20	10	38	.20
✣ 6	Frog Complete		1.34	.70	1.34	.70	1.34	.70	1.34	.70	1.34	.70						
✣ 7	"Y" Adjusting Lever		.20	.10	.20	.10	.20	.10	.20	.10	.20	.10						
✣ 8	Adjusting Nut		.38	.20	.38	.20	.38	.20	38	.20	.38	.20						
✣ 9	Lateral Adjusting Lever		.38	.20	.38	.20	.38	.20	38	.20	.38	20						
✣10	Frog Screw		.20	.10	.20	.10	20	.10	.20	.10	.20	10						
✣11	Plane Handle		.76	.40	1.52	.80	1.14	.60					38	.20	.38	.20	3 80	2 00
✣12	Plane Knob		.58	.30	1 14	.60			1 90	1 00			.38	.20	38	.20		
✣13	Handle Bolt and Nut		.38	.20	38	.20							.38	.20	38	.20		
✣14	Knob Bolt and Nut		.38	.20	.38	.20							38	20	.38	20		
✣16	Plane Bottom		6 30	3.30	5 70	3.00	4 90	2 60	2 30	1.20	2 30	1.20	2 70	1 40	3 80	2 00	8 40	4 40
✣17	Top Casing								3 80	2 00	5 70	3.00						
✣26	Frog Seat										1 90	1 00						
✣35	Bottom Adjusting Screw								1.90	1 00	96	.50						
✣36	Bottom Adjusting Nut										96	.50						

All Above, Loose

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., New Britain, Conn.

Item

PLANE PARTS

When Ordering, Always Give Kind and Number of Plane for Which Part is Wanted, as Well as the Figure Number of the Part Wanted. Ten Cents will be the Minimum Charge for Any Part Sent by Mail.

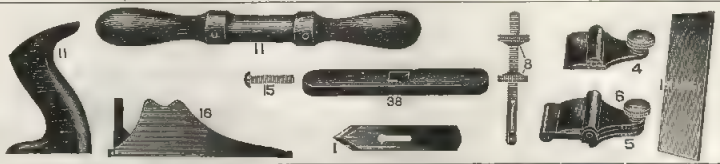
FOR STANLEY BLOCK PLANES

No. of Part	Name of Part	No. of Plane	100, 101	102, 103	110	120	130	131	140	203	220
			Each	Each	Each	Each	Each	Each	Each	Each	Each
1	Single Plane Iron		For Prices See Page 272								
4	Lever Cap		$0.20 .10	$0.38 .20	$0.38 .20	$0 38 .20	$0.38 .20	$0.38 .20	$0 58 .30	$0.38 .20	$0.38 .20
✣ 5	Lever Cap Screw							.20 .10	.20 .10	.20 .10	.20 .10
✣ 6	Frog Complete							.58 .30	.38 .20	.38 .20	.38 .20
✣ 8	Adjusting Nut							.38 .20	.38 .20	.38 .20	.38 .20
✣12	Plane Knob				.38 .20	.38 .20	.38 .20	.58 .30	.58 .30	.58 .30	.58 .30
✣16	Plane Bottom		38 .20	.76 .40	.96 .50	1.14 .60	1 30 .70	2.70 1 40	2 80 1.50	.96 .50	1.14 .60
✣18	Detachable Side								.96 .50		
✣19	Side Screw (Pair)								.38 .20		

FOR STANLEY RABBET AND ROUTER PLANES

No. of Part	Name of Part	No. of Plane	90, 92	93	94	196	98, 99	71, 71½	75	93	97
			Each	Each	Each	Each	Each	Each	Each	Each	Each
✣ 1	Single Plane Iron		$1.14 .60	$1.14 .60	$1 14 .60	$0.96 .50	$0 76 .40	$1.14 .60	$0 76 .40	$0.76 40	$1.72 .90
✣ 4	Lever Cap		.58 .30	.58 .30	.58 .30	.38 .20	38 .20		.38 .20	.38 .20	.58 .30
✣12	Plane Knob						.58 .30	.58 .30			58 .30
✣14	Knob Bolt and Nut							.38 .20			.38 .20
✣16	Plane Bottom		6.60 3.50	8.00 4.20	9 50 5 00	4 60 2 40	2 30 1.20	3.80 2.00	1 14 .60	3.00 1.60	3 80 2.00
✣27	Cutter Bolt Adjusting Screw		.76 .40	.76 .40	.76 .40						
✣47	Extra Attachment							.98 .50			
✣48	Collar							.96 .50			

STANLEY SCRAPER, CHAMFER AND CORE BOX PLANES



No. of Part	Name of Part	No. of Plane	12, 12½	13¼	112	213	85	56	57	72	64
			Each	Each	Each	Each	Each	Each	Each	Each	Each
✣ 1	Single Plane Iron		See Page 272	$0.86 .45	$0.86 .45	$0 86 .45	$0 86 .45	$0.96 .50	$1 14 .60	$0 76 .40	See Page 272
✣ 4	Lever Cap		$0 96 .50	96 .50	.76 .40	38 .20	.76 .40	.58 .30	.58 .30	38 20	$0 58 .30
✣ 5	Lever Cap Screw							.20 .10	.20 .10	.20 .10	.20 .10
✣ 6	Frog Complete		2 30 1.20	2 70 1 40	1 34 .70	.38 .20	1.14 .60				
✣ 8	Adjusting Nut		.38 .20	.38 .20	.38 .20						
✣10	Frog Screw						.20 .10				
✣11	Plane Handle		1 90 1.00	1.90 1.00	.76 40		96 .50	.76 .40	.38 .20	1 14 .60	1.14 .60
✣12	Plane Knob				58 .30	.76 40	.76 .40		.38 .20	.58 30	.38 .20
✣13	Handle Bolt and Nut				.38 .20		.38 .20		38 20	.38 20	.38 20
✣14	Knob Bolt and Nut				38 20		38 .20		38 .20	38 20	38 .20
✣15	Plane Handle Screw		.20 .10	.20 .10							
✣16	Plane Bottom		4 60 2 40	3 00 1.60	4 60 2 40	2 30 1.20	3.80 2 00	3.80 2.00	9.50 5 00	5 70 3 00	6 60 3.50
38	Extra Wood Bottom		.96 .50								

All Above, Loose

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., New Britain, Conn.

PLANE PARTS

When Ordering, Always Give Kind and Number of Plane for Which Part is Wanted, as Well as the Figure Number of the Part Wanted. Ten Cents will be the Minimum Charge for Any Part Sent by Mail.

FOR STANLEY BED ROCK PLANES

No. of Part	Name of Part	No. of Plane	602	603, 603C	604, 604C	604½, 604½C	605, 605C	605½, 605½C	606, 606C	607, 607C	608, 608C
1A	Double Plane Iron...		Each	Each	Each	Each	Each	Each	Each	Each	Each
1	Single Plane Iron...	For Prices See Page 272									
2	Plane Iron Cap.....										
3	Cap Screw.....		$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10
4	Lever Cap.....		1 14 .60	1 14 60	1 14 .60	1.14 .60	1 14 .60	1.14 .60	1.14 .60	1.14 .60	1.14 .60
5	Lever Cap Screw.....		.20 .10	20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	20 .10	.20 .10
✣ 6	Frog Complete.....		1 90 1.00	1 90 1.00	1 90 1.00	1 90 1.00	1.90 1.00	1 90 1.00	1.90 1.00	1.90 1.00	1.90 1.00
7	"Y" Adjusting Lever.....		.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
8	Adjusting Nut.....		.38 .20	38 .20	.38 .20	.38 20	38 .20	.38 .20	.38 .20	.38 .20	.38 .20
9	Lateral Adjusting Lever.....		.38 .20	.38 20	38 .20	.38 .20	.38 .20	.38 20	38 20	.38 .20	.38 .20
11	Plane Handle.....		For Prices See Page 99								
12	Plane Knob.....		.58 .30	.58 30	.58 .30	.58 .30	.58 .30	.58 .30	.58 30	.58 .30	.58 .30
13	Handle Bolt and Nut.....		.38 .20	.38 20	38 20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20
14	Knob Bolt and Nut.....		.38 20	.38 .20	38 20	38 .20	.38 .20	.38 20	38 20	.38 .20	.38 .20
15	Plane Handle Screw.....					.20 .10	.20 10	.20 .10	.20 10	.20 .10	.20 .10
✣16	Plane Bottom, Plain.....		4.20 2.20	4.70 2 50	4 70 2 50	5 70 3 00	5 70 3 00	6.10 3.20	8.40 4 40	11.80 6.20	13.30 7.00
✣16C	Plane Bottom, Corrugated.....		4 60 2.45	5 20 2.75	5.20 2 75	6.30 3 30	6.30 3 30	6 30 3.55	9.20 4.85	13.00 6.85	14.60 7.70
✣44	Frog Pin.....		.38 20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20
✣45	Frog Clamping Screw.....		.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 10
✣46	Frog Adjusting Screw.....		.20 .10	.20 .10	20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10

Be Sure to Specify New or Old Style on Frogs and Bottoms

FOR BAILEY AND STANLEY BLOCK PLANES

No. of Parts	Name of Part	No. of Plane	9½, 9¾	15, 15½	16, 17	18, 19	60, 60½	62	61, 63	65	65½
1	Single Plane Iron (For Pr. See P. 272)		Each	Each	Each	Each	Each	Each	Each	Each	Each
4	Lever Cap.....		$0.38 .20	$0.38 .20	$0.58 .30	$0.76 .40	$0.58 .30	$0.58 30	$0 58 .30	$0.76 .40	$0.38 .20
✣ 5	Lever Cap Screw.....		.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
✣ 6	Frog Complete.....						.38 .20	.38 .20	.38 .20	.38 .20	.38 .20
7	Adjusting Lever.....		.20 .10	.20 .10	.20 .10	.20 .10					
✣ 8	Adjusting Nut.....		.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20
✣ 9	Lateral Adjusting Lever.....		.38 .20	.38 .20	.38 .20	.38 .20					
✣11	Plane Handle.....		.96 .50	.96 .50				1 14 .60			
✣16	Plane Bottom.....		2.70 1 40	2.80 1.50	2 80 1.50	2.80 1 50	2.30 1.20	6.60 3.50	1.90 1.00	2.80 1.50	2.80 1.50
✣31	Eccentric Plate.....		.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20
✣22	Finger Rest Knob.....		.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.58 .30	.38 .20	.38 .20	.38 .20

All Above, Loose

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B. New Britain, Conn.

PLANE PARTS

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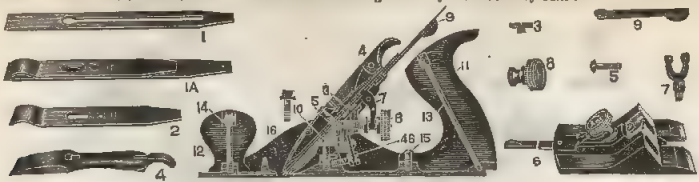
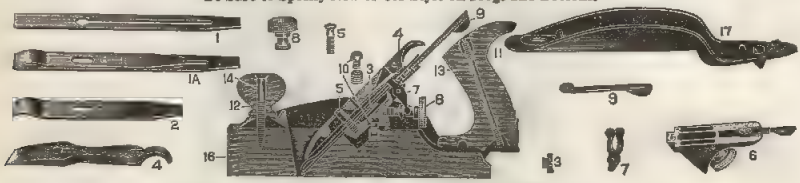


FOR BAILEY IRON PLANES

No. of Part	Name of Part / No. of Plane	No. 1 No. 2	No. 3 No. 3C	No. 4 No. 4C	No. 4½ No. 4½C	No. 5 No. 5C	No. 5½ No. 5½C	No. 6 No. 6C	No. 7 No. 7C	No. 8 No. 8C
1A 1 2 3	Double Plane Iron Single Plane Iron Plane Iron Caps Cap Screw	Each For Prices See Page 272 $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10
4	Lever Cap	.95 .50	.95 .50	.95 .50	.95 .50	.95 .50	.95 .50	.95 .50	.95 .50	.95 .50
5	Lever Cap Screw	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
✣6	Frog Complete	1 32 .70	1.32 .70	1 32 .70	1.32 .70	1.32 .70	1.32 .70	1.32 .70	1.32 .70	1.32 .70
7	"Y" Adjusting Lever	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
8	Adjusting Nut	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
9	Lateral Adjusting Lever	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
10	Frog Screw	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
11 12	Plane Handle Plane Knob	For Prices See Page 272 .55 .30	.55 .30	.55 .30	.55 .30	.55 .30	.55 .30	.55 .30	.55 .30	.55 .30
13	Handle Bolt and Nut	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
14	Knob Bolt and Nut	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
15	Plane Handle Screw				.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
✣16	Plane Bottom, Plain	3.20 1.70	3.80 2.00	3.80 2.00	4 60 2 40	4 60 2.40	4 60 2.40	6 30 3.30	8 90 4 70	10.80 5.70
✣16C	Plane Bottom, Corrugated	3 50 1.87	4 20 2 20	4.20 2 20	5.00 2 65	5 00 2 65	5 00 2.65	6 90 3.65	9.90 5.20	12 00 6.30

Be Sure to Specify New or Old Style on Frogs and Bottoms



FOR BAILEY WOOD BOTTOM PLANES

These Parts Will Interchange With Diamond Edge and Bridge Wood Bottom Planes

No. of Part	Name of Part / No. of Plane	22	24-25 35	26	27½	28	31	32	36	37
1A 1 2 3	Double Plane Irons Single Plane Irons Plane Iron Caps Cap Screws	Each For Prices See Page 272 $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0.20 .10	Each $0 20 .10	Each $0.20 .10
✣4	Lever Cap	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40
5	Lever Cap Screw	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
✣6	Frog Complete	1.14 .60	1.14 .60	1.14 .60	1.14 .60	1.14 .60	1.14 .60	1.14 .60	1.14 .60	1.14 .60
7	"Y" Adjusting Lever	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
8	Adjusting Nut	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
9	Lateral Adjusting Lever	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
✣10	Frog Screw and Bushing	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
11 ✣12	Plane Handle Plane Knob	For Prices See Page 272 .35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
✣13	Handle Bolt and Nut	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20	.35 .20
✣14	Knob Screw	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
✣16	Plane Bottom	1.65 .80	1 65 .80	1.90 1.00	1 90 1 00	2 70 1.40	3.00 1.60	3 20 1.70	1.90 1.00	2.70 1.40
✣17	Top Casting	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40	.75 .40

All Above, Loose

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PLANE PARTS

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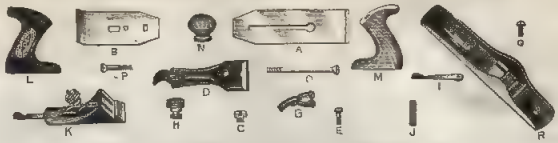
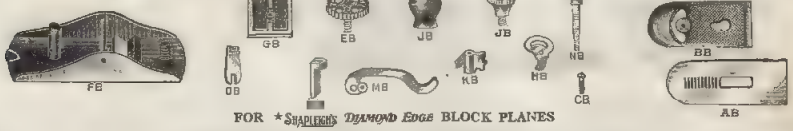


FOR *SHAPLEIGH'S DIAMOND EDGE IRON BENCH PLANES

These Parts Will Interchange With *SHAPLEIGH'S BRIDGE Planes

No. of Part	Name of Part	No. of Plane	DE3 DEC3	DE4 DEC4	DE4½ DEC4½	DE5 DEC5	DE5½ DEC5½	DE6 DEC6	DE7 DEC7	DE8 DEC8
			Each	Each	Each	Each	Each	Each	Each	Each
A	Single Plane Iron		For Prices See Page No. 272							
B	Top Plane Iron									
C	Cap Screw		$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10	$0.20 .10
D	Lever Cap		.90 .50	.90 .50	.90 .50	.90 .50	.90 .50	.90 .50	.90 .50	.90 .50
E	Lever Cap Screw		.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
G	"Y" Adjusting Lever		.20 .10	.20 10	20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
H	Brass Adjusting Nut		.38 20	.38 .20	.38 .20	.38 20	.38 .20	.38 .20	.38 .20	.38 .20
I	Lateral Adjusting Lever		.38 20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20
J	Frog Screw		.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
✣K	Frog Complete		1.34 70	1.34 70	1.34 .70	1 34 .70	1.34 .70	1.34 70	1.34 .70	1.34 .70
L	Handle		For Prices See Page No. 272							
N	Knob		.58 .30	.58 .30	.58 .30	.58 .30	.58 .30	.58 .30	.58 .30	.58 .30
O	Handle Bolt and Nut		38 .20	38 .20	.38 20	.38 .20	.38 .20	.38 .20	.38 .20	.38 .20
P	Knob Bolt and Nut		.38 .20	.38 .20	38 .20	.38 .20	.38 20	.38 .20	.38 .20	.38 .20
Q	Handle Screw				.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10
✣R	Smooth Plane Bottom		3 80 2.00	3.80 2 00	4.60 2.40	4.60 2.40	4.60 2.40	6.30 3.30	8.90 4.70	10.80 5.70
✣RC	Corrugated Plane Bottom		4 20 2.20	4.20 2 20	5 00 2 65	5.00 2.65	5.00 2 65	6.90 3.65	9.90 5.20	12 00 6.30



FOR *SHAPLEIGH'S DIAMOND EDGE BLOCK PLANES

These Parts Will Interchange With *SHAPLEIGH'S BRIDGE Planes

No. of Part	Name of Part	No. of Plane	DE9½	DE15	DE18	DE60½	DE65½	DE100 DE101	DE102 DE103	DE110	DE130	DEX220
			Each	Each	Each	Each	Each	Each	Each	Each	Each	Each
AB	Single Plane Iron		For Prices	See Page No. 272								
BB	Lever Cap		$0.38 .20	$0 38 .20	$0.76 .40	$0.58 .30	$0.38 .20	$0.20 .10	$0 38 .20	$0 38 .20	$0 38 .20	$0.38 .20
✣CB	Lever Cap Screw		20 .10	.20 .10	.20 .10	.20 .10	.20 .10	.20 .10	20 .10	20 .10	20 .10	.20 .10
✣EB	Adjusting Nut		.38 .20	.38 .20	.38 .20	.38 .20	.38 .20					.38 .20
✣FB	Plane Bottom		2.70 1.40	2.80 1.50	2.80 1.50	2.30 1.20	2 80 1.50	.38 .20	.76 .40	.96 .50	1.32 .70	1.14 .60
✣HB	Eccentric Plate		.38 .20	.38 .20	.38 .20	.38 .20	.38 .20					
✣JB	Finger Rest Knob		.38 .20	.38 .20	.38 .20	.38 20	38 20			.38 .20	.38 .20	.58 .30
✣KB	Frog Complete					.38 .20	.38 .20					.38 .20
✣MB	Lateral Adjusting Lever		.38 20	.38 .20	.38 .20							
✣NB	Adjusting Screw		.38 .20	.38 .20	.38 .20	.38 .20	.38 .20					.38 .20
✣OB	Adjusting Lever		.20 10	20 .10	.20 .10							

All Above, Loose

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PLANE IRONS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

In Ordering Plane Irons Always Give the Make and Number of Plane for Which They are Wanted.

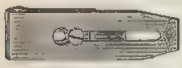
Highest Grade Tool Steel, Especially Selected for *DIAMOND EDGE* Planes; Oil Tempered, Ground and Hand Sharpened; Extra Heavy Bit, Full Polished.

SINGLE CUT IRONS

For All-Iron and Wood Bottom Bench Planes

Nos.	Size of Cut, ins.	Weight per Dozen, lbs.	Per Dozen
DES1⅝	1⅝	2¼	$8 70
DES1¾	1¾	2½	11 00
DES2	2	3¼	11 50
DES2⅛	2⅛	3½	12 50
DES2¼	2¼	4	13 50
DES2⅜	2⅜	4½	14.00
DES2⅝	2⅝	4¾	14 50

Half Dozen in a Box

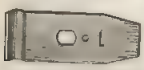


DOUBLE IRONS

For All-Iron and Wood Bottom Bench Planes

Nos.	Size of Cut, ins.	Weight per Dozen, lbs.	Per Dozen
DED1⅝	1⅝	4	$16.00
DED1¾	1¾	4½	17.20
DED2	2	5½	19.50
DED2⅛	2⅛	6	20 50
DED2¼	2¼	7	21.50
DED2⅜	2⅜	7½	22.30
DED2⅝	1⅝	8¾	22.80

Half Dozen in a Box



PLANE IRON CAPS

Will Interchange with SHAPLEIGH'S *DIAMOND EDGE*, SHAPLEIGH'S Bridge and Stanley Planes.

Nos.	Width, ins.	Weight per Dozen, lbs.	Each
21¼	1¼	1½	$0 60
21⅝	1⅝	1¾	.60
21¾	1¾	1⅞	.60
22	2	2¼	.70
22⅛	2⅛	2½	.70
22¼	2¼	3	.70
22⅜	2⅜	3¼	.80
22⅝	2⅝	3½	.80

Loose

PLANE IRONS

STANLEY

In Ordering Plane Irons Always Give the Make and Number of Plane for Which They are Wanted.

Extra Quality Steel, Perfectly Tempered, Ground and Polished.

SINGLE CUT IRONS

For All-Iron and Wood Bottom Bench Planes

Nos.	Size of Cut, ins.	Weight per Dozen, lbs.	Per Dozen
BS1¼	1¼	1¼	$8 50
BS1⅝	1⅝	2¼	10 30
BS1¾	1¾	2½	11 50
BS2	2	3¼	12.20
BS2⅛	2⅛	3½	13.20
BS2¼	2¼	3⅞	14.30
BS2⅜	2⅜	4⅜	14.50
BS2⅝	2⅝	4¾	15 20

Half Dozen in a Box

DOUBLE IRONS

For All-Iron and Wood Bottom Bench Planes

Nos.	Size of Cut, ins.	Weight per Dozen, lbs.	Per Dozen
BD1⅝	1⅝	4	$16 80
BD1¾	1¾	4½	17.90
BD2	2	5½	20.30
BD2⅛	2⅛	7	22.50
BD2⅜	2⅜	7½	23.30

Half Dozen in a Box

SINGLE IRONS

For Block Planes

Per Dozen

No. BPA1¾—Width, 1¾ inches; for Block Planes Nos. 60, 60½, 61, and 203; Weight per Dozen, 1¼ lbs..... $7 50

No. BPA1⅝—Width, 1⅝ inches; for Block Planes Nos. 9½, 15, 16, 17, 18, A18, S18, 19, 63, 65, 65½, 118, 120, 131, 220; Weight per Dozen, 1⅜ lbs. 7.50

Half Dozen in a Box

PLANE IRONS

STANLEY

SINGLE IRONS

For Block Planes

Nos.	Width, inches	For Plane No.	Wt. Per Doz. lbs.	Per Dozen
†BX1	1	100,101	1½	$2 50
†BX1⅜	1⅜	102	1½	4.10
†BXA1⅜	1⅜	103	1½	5.50
BX1⅝	1⅝	110,130	2	5.70
†BX1¾	1¾	140	2	9.70
†BX2	2	62, 64	2¼	16 50

Half Dozen in a Box

PLANE HANDLES

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

For *DIAMOND EDGE* Iron Planes

Black Composition Rubber

Per Dozen

No. DE3—For No. DE3 and No. DEC3 Planes; Weight per Dozen, 4 lbs..... $8.50

No. DE4—For No. DE4 and No. DEC4 Planes; Weight per Dozen, 4 lbs..... 9.50

No. DE4½—For Planes Nos. DE4½, DEC4½, DE5, DEC5, DE5½, DEC5½ DE6, DEC6, DE7, DEC7, DE8, and DEC8; Weight per Dozen, 5 lbs..... 9.50

Half Dozen in a Box

For All-Iron Planes

Hardwood

Per Dozen

No. 4—*DIAMOND EDGE* No. DE4 and For Bailey No. 4 Smooth Planes; Weight per Dozen, 2 lbs.. .....$8 50

No. 5—*DIAMOND EDGE* and For Bailey Jack, Fore and Jointer; Weight per Dozen, 2 lbs.... ..... 8.50

One Dozen in a Box

For Wood Bottom Planes

Plain Finished Beechwood

Per Dozen

No. 26—For Jack, Fore and Jointer Planes; All Sizes; Weight per Dozen, 2 lbs..... .....$5 20

Half Dozen in a Box

Items Marked † Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., New Britain, Conn.

1843—SHAPLEIGH'S NINETY-TWO YEARS OF HONORABLE SERVICE—1935

SHAPLEIGH'S

TRADE MARK REGISTERED

ESTABLISHED 1843
ST. LOUIS, U.S.A.

IN THE U. S. PAT. OFFICE

SHAPLEIGH HARDWARE CO.
TRADE DE MARK
DIAMOND EDGE.
TRADE MARK REG. IN U. S. PAT. OFFICE

SERVICE
WITH SYSTEM BUILT FOR SPEED

QUALITY
SECURED FROM MATURED SCHOOL OF EXPERIENCE

CUTLERY

THE CUTLERY display in a Retail Store ought be so attractive as to arrest the attention of every visitor.

In recognition of the perplexity of many Dealers when selecting patterns suitable for the trade to which they cater, the Shapleigh House has made a really scientific study of the question from the Retailer's standpoint.

As a result, the entire Pocket Cutlery line has been carefully revised and systematically simplified so that a well balanced variety may be easily chosen without the slightest danger of including any but popular, ready-selling designs.

Quality in Cutlery is and must always be the first consideration. Nothing so quickly and effectually destroys a Dealer's Cutlery business as the sale of inferior Pocket Knives, Shears, Scissors, Razors and Butcher Knives, etc.

THE LONG established reputation of *DIAMOND EDGE* Cutlery is fully sustained by the present SHAPLEIGH'S stock. *DIAMOND EDGE* Cutlery Costs so little more than the ordinary sort that your customers will gladly pay the slight additional price necessary to secure the permanent satisfaction *DIAMOND EDGE* Cutlery always gives.

In this Department will also be found complete lines of the best known brands and most popular patterns of Silverware, Vacuum Goods, besides an extensive variety of novelties and specialties which Retailers depend upon for their largest profits.

Clocks and watches in themselves represent an enormous volume of business—a careful examination of the many pages devoted to them will explain SHAPLEIGH'S leadership in this important group which is naturally associated with Cutlery.

POCKET KNIVES

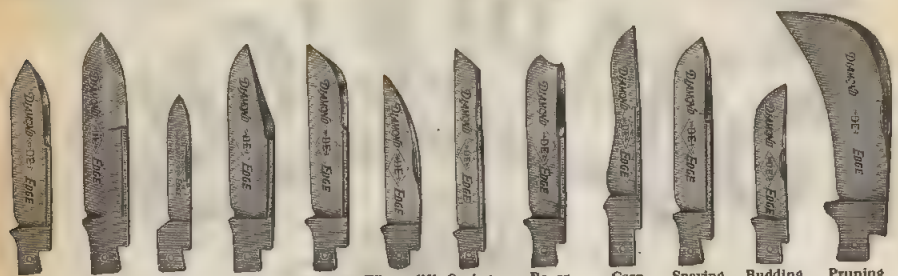
SHAPLEIGH'S

*DIAMOND EDGE

STYLES AND NAMES OF BLADES

SHAPLEIGH'S DE DIAMOND EDGE

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE



Spear | Saber | Small Pen | Clip | Sheepfoot or Congress | Wharncliffe | Coping | Razor | Corn | Speying | Budding | Pruning

DIAMOND EDGE POCKET CUTLERY

Our DIAMOND EDGE Pocket Knives are Celebrated for Their Superior Quality, Style and Finish; They are Unsurpassed by Any Others; The Blades Are Forged From the Best Grade of Pocket Cutlery Steel, and Are Hardened and Finely Tempered By the Most Skilled and Experienced Cutlers; Every Knife is Sharpened Ready for Use and is Free From Flaws and Imperfections; Any Not Proving So Will Be Replaced; But We Will Not Redeem Knives That Are Worn Out or That Show Abuse or When More Than One Blade is Broken; In Whetting a Pocket Knife Use a Good Oil Stone, Holding the Blade at An Angle of Twenty Degrees, and Draw Towards You From Heel to Point; Oil the Joints Occasionally, As They Are Liable to Wear Rough and the Blade Points Protrude.

SHAPLEIGH HARDWARE CO. DE DIAMOND EDGE

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

Shapleigh Hardware Co., St. Louis, U. S. A.

SHAPLEIGH'S DE DIAMOND EDGE

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

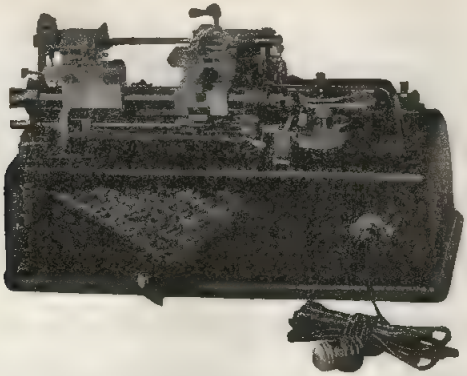
The Above is a Fac-Simile of the Wrapper Placed Around Each DIAMOND EDGE Pocket Knife.

SHAPLEIGH'S DE DIAMOND EDGE

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

WE DO THIS ENGRAVING IN OUR CUTLERY DEPARTMENT, IN ST. LOUIS

ENGRAVING NAMES ON HANDLES OF STOCK PATTERNS OF POCKET KNIVES OR STRAIGHT RAZORS



Showing the Engraving Done on This Machine.

The Above Illustration Shows the Very Ingenious Engraving Machine Which We Have in Our Cutlery Department for the Purpose of **Engraving Individual Names** on the Handles of Pocket Knives or Straight Razors. That Personal Touch of an Individual's Name on a Handle of a Knife or a Razor is Very Appealing. Many Dealers Can Increase Their Sales of Pocket Cutlery and Razors by Agreeing to Have Their Customer's Name Engraved on the Handles Which Involves Only a Slight Delay.

ADVERTISING PLAN No. 1, INDIVIDUAL ENGRAVING.

We Will Accept Orders for Individually Engraving the Following Cutlery Items: Pocket Knives with Pearl Handles; Pocket Knives with Celluloid Handles, Pocket Knives with Nickel Silver Handles; Straight Razors with Celluloid or Composition Handles.

Our Charge for Individually Engraving any Quantity of these Items will be Quoted on Request.

Note—Engraved Letters on Pearl, Celluloid and Composition Handles are Filled with Enamel, Color to be Chosen by Us.

We Recommend the Following Numbers of Low Priced Pocket Knives For Engraving; Similar Patterns in *Diamond Edge* are Shown on the Following Pages.

THESE NUMBERS OF POCKET KNIVES MAKE SUITABLE GIFTS FOR ALL THE CLASSES

No. 2S377W
Celluloid Handle

No. 2S200C
Celluloid Handle

No. 2S587C
Celluloid Handle

No. 2S633¼CP
Celluloid Handle

No. 2S12G
Nickel Handle

ADVERTISING PLAN NO. 2—IMPRINTING IN LOTS OF SIX DOZEN OR MORE

THIS IMPRINTING IS DONE AT FACTORY

(Example of this Imprinting)

Name or Advertising IMPRINTED ON HANDLES of *Diamond Edge* Pocket Knives.

Where this Valuable Form of Advertising is Desired and the Quantity is Not Less than Six Dozen of One Pattern, Same Imprint on All, We are Prepared to Supply Them as Follows:

Pocket Knives Having Celluloid or Nickel Silver Handles of Suitable Size May be Inscribed with any Wording Containing No More Letters than will Appear to Advantage (Usually 12 to 20 Letters). Only Plain Block Letters are Used. Extra Charges for **Imprinting** Knives With

	Nickel Silver Hdls. Per Dozen	Celluloid Hdls. Per Dozen
6 Dozen to 12 Dozen, One Side Only	Prices quoted on request	
12 Dozen to 20 Dozen, One Side Only		
20 Dozen to 40 Dozen, One Side Only		
40 Dozen to 75 Dozen, One Side Only	Prices quoted on request	
75 Dozen to 100 Dozen, One Side Only		
144 Dozen and Upwards, One Side Only		

Note—Should a Special Design or Any Style of Lettering Other than Stated Above, a Special Steel Die Would Have to be Made; Such Dies Cost from $15.00 to $30.00 Each, Depending upon the Design and the Imprinting Charges as Quoted you on your Request.

The Imprinting in Celluloid Handles is Filled with Enamel.

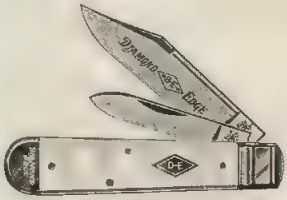
If Other Patterns are Preferred, Write Us First, Giving the Quantity Desired and Full Details of Stamping Required, and We Will Quote Promptly.

A FEW OF THE PATTERNS THAT LEND TO BEST ADVANTAGE, ARE AS FOLLOWS

We Cannot Engrave Any Except Those with Celluloid or Nickel Silver Handles.

No. **2S377W**—Celluloid Handle.

No. **2S635CP**—Celluloid Pearl Handle.

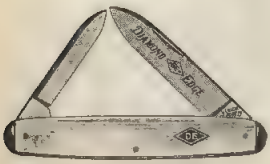


No. **2S632¾CP**—Celluloid Pearl Handle.

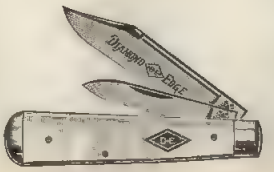
No. **B673**—Celluloid Pearl Handle.

No. **B470** Celluloid Pearl Handle.

No. **4S105CP**—Celluloid Pearl Handle.



No. **2S375CP**—Celluloid Pearl Handle.



No. **2S633¾CP**—Celluloid Pearl Handle.

No. **2S382¾CP**—Celluloid Pearl Handle.

ADVERTISING PLAN No. 3—ETCHING IN LOTS OF SIX DOZEN OR OVER

THIS ETCHING IS DONE AT FACTORY

NAME OR ADVERTISING ETCHED ON THE LARGE BLADE OF *DIAMOND EDGE* POCKET KNIVES

When Six Dozen or More of One Pattern Pocket Knife are Wanted With Special Etching on the Large Blade, We Can Supply them on the Following Basis:

DIAMOND EDGE Pocket Knives, where the Blade is Regularly Etched, can be Etched on the Under Side of the Blade, and Keep the Regular *DIAMOND EDGE* Etching as it is, or the *DIAMOND EDGE* Etching can be Omitted from the Upper Side of the Large Blade, and the Special Etching take its Place. Then the Following Extra Charges must be Added to the Regular Selling Prices of the Knives. **This is for Perfectly Plain Etching.**

	Per Dozen
One Inscription on 6 Doz. to 12 Doz., Blades, Etching Charge.....	Prices Quoted on Request
One Inscription on 12 Doz. to 20 Doz., Blades, Etching Charge.....	
One Inscription on 20 Doz. to 40 Doz., Blades, Etching Charge.....	
One Inscription on 40 Doz. to 75 Doz., Blades, Etching Charge.....	
One Inscription on 75 Doz. to 100 and Upwards, Blades, Etching Chg.	

Only One Inscription Permissible in Each Job. The Etching Specified must be Brief—too many Letters Spoil the Job.

Note—Where Fancy or Facsimile Letters are Used in the Etching, or a Trademark or Special Design, then a Special Price will have to be Obtained from the Factory for the Cost of this Special Etching Stamp, which will have to be Made at an Extra Cost for Each Complete Etching Job.

We Submit the following Examples of Etching:

Clip Blade

Sheepfoot or Congress Blade

Spear Blade

Budding Blade

Speying Blade

30 to 60 Days must be Allowed for all Special Etching Jobs

CUTLERY MARKING INKS

DAVIDS

For Marking Cutlery, Tools, etc.; Will Positively Not Rust the Finest Polished Steel; In Marking Cutlery or Tools, Care Should be Taken to Remove All the Grease; This is Done by Using a Rubber Eraser, Rubbing the Same Briskly Over the Surface to be Marked; Use a Clean Pen and the Ink Will Flow Readily.

Per Dozen

No. CM1—In Glass Bottles; Weight per Dozen, 4½ lbs.....$7.50
Two Dozen in a Wood Box

SHAPLEIGH'S POINTERS

Keeping Cutlery Samples Clean and Free from Rust is Very Important

Many a sale is lost by neglecting to do this. Wiping blades and bolsters with a clean Chamois immediately after your Customer handles them is always necessary.

POCKET KNIVES

SHAPLEIGH'S DIAMOND EDGE TRADE MARK REG. IN THE U. S. PAT. OFFICE

Forged from Best Pocket Cutlery Steel Known, Carefully Hardened and Perfectly Tempered by the Most Skilled and Experienced Cutlers. Celebrated for Perfect Cutting Edges, Ease in Opening of Blades, Superior Finish and Symmetrical Appearance. Every Blade Sharpened and Honed Ready for Use; Free from Flaws and Imperfections.

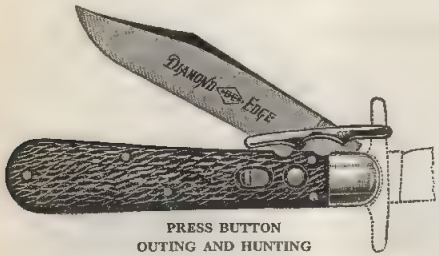
SHAPLEIGH'S DIAMOND EDGE TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

PRESS BUTTON
OUTING AND HUNTING

Nickel Silver Lining; Nickel Silver Bolsters; Large Clip Blade; Length, 3½ inches; Length Over All, 4⅞ inches; Full Polished and Etched.

Per Dozen

No. A8—Pearl Celluloid Handle; Weight per Dozen, 3½ lbs.....**$42 00**
Half Dozen in a Box



PRESS BUTTON
OUTING AND HUNTING

Steel Lining; Nickel Silver Bolsters; One Large Clip Blade; Glazed Finish and Etched; The Guard is Securely Fastened to the Blade. Length of Blade, 3½ inches; Length of Handle, 4⅞ inches

Per Dozen

No. A10—Bone Stag Handle..... .....**$28.00**
Half Dozen in a Box; Weight per Dozen, 3½ lbs.

PRESS BUTTON
OUTING AND SCOUTING

Steel Lining; Steel Bolsters; One Large Clip Blade; Glazed Finish and Etched.

Per Dozen

No. DE14S—Bone Stag Handle; Length, 4⅞ inches.....**$27.00**
Weight per Dozen, 3½ lbs.

No. DE15S—Bone Stag Handle; Length, 4¼ inches **24.00**
Half Dozen in a Box; Weight per Dozen, 3 lbs.

Brass Lining; Nickel Silver Bolsters; Large Sabre Clip Blade; Length, 3¾ inches; Large Skinning Knife Blade, Length 3⅝ inches; Length Over All, 5¼ inches; Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. B387—Bone Stag Handle, Weight per Dozen, 4⅝ lbs.....**$40.00**
Half Dozen in a Box

Brass Lining; Nickel Silver Bolsters; Large Clip Blade; Length, 3¾ inches; Length Over All, 5¼ inches; Full Polished and Etched.

Per Dozen

No. A143—Imitation Stag Handle; Weight per Dozen, 3⅜ lbs...**$24.00**
Half Dozen in a Box

LOCK PRESS BUTTON

Brass Lining; Nickel Silver Bolsters; Length, 4 inches; Large Clip Blade; Half Polished and Etched.

Per Dozen

No. 1S449¾C—Celluloid Horn Handle.....**$24.00**
Half Dozen in a Box; Weight per Dozen, 1½ lbs.

POCKET KNIVES

SHAPLEIGH'S ★SHAPLEIGH'S DIAMOND EDGE SHAPLEIGH'S

TRADE MARK REG. IN THE U.S. PAT OFFICE

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

Forged from Best Pocket Cutlery Steel Known, Carefully Hardened and Perfectly Tempered by the Most Skilled and Experienced Cutlers. Celebrated for Perfect Cutting Edges, Ease in Opening of Blades, Superior Finish and Symmetrical Appearance. Every Blade Sharpened and Honed Ready for Use; Free from Flaws and Imperfections.

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

FOR ROOFING, LINOLEUMS, ROPE AND PRUNING, AND MAKES AN EXCELLENT COTTON-SAMPLING KNIFE

Steel Lining; Steel Bolsters; Length, 4⅝ inches; Large Cutting Blade, Suitable for Cutting Rope, Roofing and Pruning; Glazed and Etched.

Per Dozen

No. A109—Cocobolo Handle Extra Heavy.....**$20.00**

Half Dozen in a Box; Weight per Dozen, 3 lbs.

PRUNING KNIFE

Brass Lining; Steel Bolsters; Length, 4⅛ inches; Large Pruning Blade; Glazed and Etched. Per Dozen

No. 1S157—Cocobolo Handle Extra Heavy **$24.00**

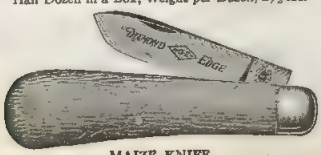
Half Dozen in a Box; Weight per Dozen, 3¼ lbs.

PRUNING KNIFE

Steel Lining; Steel Bolsters; Length, 4 inches; Large Pruning Blade; Glazed Finish and Etched. Per Dozen

No. 1S156—Cocobolo Handle.....**$16.00**

Half Dozen in a Box; Weight per Dozen, 2½ lbs.



MAIZE KNIFE

Steel Lining; Steel Bolsters; Length, 4 inches; Large Maize Blade; Glazed and Etched. Per Dozen

No. 1S445—Cocobolo Handle.....**$13.00**

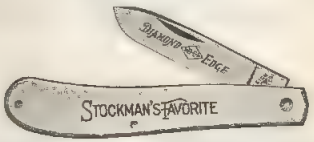
Half Dozen in a Box; Weight per Dozen, 2⅛ lbs.

Brass Lining; Length, 3⅞ inches; Large Curved Cutting Blade for Florist Work; Glazed and Etched.

Per Dozen

No. A140—White Celluloid Handle **$16.80**

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.



Nickel Silver Lining; Length, 3⅞ inches; Large Spey Blade, Half Polished and Etched.

Per Dozen

No. 1S450C—White Celluloid Handle.....**$18 00**

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 4⅛ inches; Large Saber Clip Blade, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 1S624¾C—Golden Celluloid Handle.....**$16.00**

No. 1S624¾S—Bone Stag Handle. **16.00**

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 5 inches; Large Clip Blade, Half Polished and Etched.

Per Dozen

No. 1S440¾S—Bone Stag Handle..... **$16.00**

No. 1S440¾C—Red and White Stripe Celluloid Handle **16 00**

No. 1S440¾CP—Celluloid Pearl Handle **18.00**

Half Dozen in a Box; Weight per Dozen. 2¼ lbs.

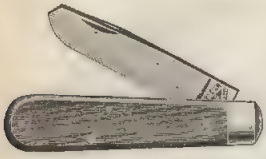
POCKET KNIVES

SHAPLEIGH'S DE DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Forged from Best Pocket Cutlery Steel Known, Carefully Hardened and Perfectly Tempered by the Most Skilled and Experienced Cutlers. Celebrated for Perfect Cutting Edges, Ease in Opening of Blades, Superior Finish and Symmetrical Appearance. Every Blade Sharpened and Honed Ready for Use; Free from Flaws and Imperfections.

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE



Steel Lining; Steel Bolsters; Length, 3⅝ inches; Large Spey Blade, Glazed and Etched.

Per Dozen

No. 1S621⅝ -Cocobolo Handle $4 50

GRANDADDY BARLOW

Steel Lining; Steel Bolsters; Length, 5 inches; Large Clip Blade; Glazed Finish. Per Dozen

No. A150 -Bone Stag Handle .....

POCKET KNIVES

SHAPLEIGH'S DE DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Forged from Best Pocket Cutlery Steel Known, Carefully Hardened and Perfectly Tempered by the Most Skilled and Experienced Cutlers. Celebrated for Perfect Cutting Edges, Ease in Opening of Blades, Superior Finish and Symmetrical Appearance. Every Blade Sharpened and Honed Ready for Use; Free from Flaws and Imperfections.

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

Nickel Silver Lining; Nickel Silver Tips; Length, 2⅞ inches; Large Spear and Flexible Nail File Blades, Full Polished and Etched; Nickel Silver Shield; Bail on End of Handle.

Per Dozen

No. 2S635CP Celluloid Pearl Handle..$16.00

No. 2S635MP—Black and White Pearl Celluloid Handle..... 16.00

No. 2S635CH—Horn Celluloid Handle. 16.00

No. 2S635BC—Black Celluloid Handle. 16.00

No. 2S635LC — Blue Veined White Celluloid Handle..... 16.00

Half Dozen in a Box; Weight per Dozen, ¾ lb.

Brass Lining; Nickel Silver Bolsters; Length, 2⅞ inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S506S—Bone Stag Handle.....$16 00

No. 2S506CP—Celluloid Pearl Handle... 16.00

Brass Lining; Nickel Silver Bolsters; Length, 2⅞ inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S564S—Bone Stag Handle $16.00

No. 2S564CP—Celluloid Pearl Handle.. 16.00

Half Dozen in a Box; Weight per Dozen, ½ lb.

Brass Lining; Nickel Silver Bolsters; Length, 3⅛ inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S528C—Black and White Celluloid Pearl Handle.....$16.00

No. 2S528CP—Celluloid Pearl Handle... 16.00

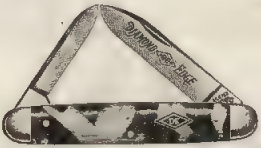
Half Dozen in a Box; Weight per Dozen, ¾ lb.

Brass Lining; Nickel Silver Bolsters; Length, 3⅜ inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S376S—Bone Stag Handle.....$16.00

Half Dozen in a Box; Weight per Dozen, ⅞ lb.



Brass Lining; Nickel Silver Bolsters; Length 3⅜ inches; Large Spear and Small Pen Blades Full Polished and Etched; Nickel Silver Shield

Per Dozen

No. 2S376MP—Black and White Celluloid Pearl Handle $16.00

Half Dozen in a Box; Weight per Dozen, ⅞ lb

POCKET KNIVES

SIMPLEGIT'S DE DIAMOND EDGE
TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

★SIMPLEGIT'S DE DIAMOND EDGE
TRADE MARK REG IN THE U. S. PAT OFFICE

SIMPLEGIT'S DE DIAMOND EDGE
TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

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Brass Lining; Nickel Silver Bolsters; Length, 3⅝ inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S305S—Bone Stag Handle.....$16 00

Half Dozen in a Box; Weight per Dozen, 1 lb.

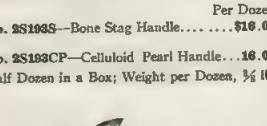
Brass Lining; Nickel Silver Tips; Length, 3⅛ inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S103S—Bone Stag Handle.....$16.00

No. 2S103CP—Celluloid Pearl Handle...16.00

Half Dozen in a Box; Weight per Dozen, ⅝ lb.



Brass Lining; Nickel Silver Tips; Length, 3¼ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S209S—Bone Stag Handle.....$20.00

No. 2S209C—Mottled Green Celluloid Handle.....20 00

Half Dozen in a Box; Weight per Dozen, 1⅛ lbs.

Brass Lining; Nickel Silver Tips; Length, 3½ inches; Large Clip and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S209¾C—Black and White Celluloid Handle.....$20.00

No. 2S209¾S—Bone Stag Handle.....20.00

Half Dozen in a Box; Weight per Dozen, 1⅛ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3⅝ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S567S—Bone Stag Handle. $16.00

No. 2S567C—Fancy Green Celluloid Handle.....16.00

No. 2S567CP—Celluloid Pearl Handle... 16 00

Half Dozen in a Box; Weight per Dozen, 1⅛ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3¼ inches; Large Clip and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S253¾S—Bone Stag Handle.....$16 00

No. 2S253¾CP—Celluloid Pearl Handle 16.00

No. 2S253¾CH—Horn Celluloid Handle 16.00

No. 2S253¾MP—Black and White Pearl Celluloid Handle..... 16.00

Half Dozen in a Box; Weight per Dozen, 1 lb.

Brass Lining; Length, 3⅞ inches; Large Ink Eraser or Spey and Small Spear Blades, Full Polished and Etched.

Per Dozen

No. 2S377W—White Grained Celluloid Handle.....$16.00

No. 2S377MP—Black and White Pearl Celluloid Handle..... 16.00

Half Dozen in a Box; Weight per Dozen, ⅝ lb.

Brass Lining; Length, 3¾ inches; Large Spear and Eraser or Spey Blades, Full Polished and Etched.

Per Dozen

No. 2S227W—White Grained Celluloid Handle.....$16 00

Half Dozen in a Box; Weight per Dozen, 1⅝ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3½ inches; Large Spear and File Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S629S—Bone Stag Handle.....$16 00

No. 2S629CP—Celluloid Pearl Handle.. 16 00

Half Dozen in a Box; Weight per Dozen, 1 lb.

Ring Opener

Length, 3½ inches; Large Spear and Small Pen Blades, Half Polished and Etched.

Per Dozen

No. 2S443GS—Nickel Silver Handle....$16.00

Half Dozen in a Box; Weight per Dozen, ⅝ lb.

Steel Lining; Length, 3½ inches; Large Spear and Small Pen Blades; Glazed Finish.

Per Dozen

No. 2S02S—Bone Stag Handle.....$7.70

No. 2S02N—Nickel Silver Handle 7.70

No. 2S02C—Assorted Celluloid Handle... 7.70

One Dozen in a Box; Weight per Dozen, ⅝ lb.

POCKET KNIVES

SHAPLEIGH'S DE DIAMOND EDGE

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

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SHAPLEIGH'S DE DIAMOND EDGE

TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

Brass Lining; Nickel Silver Bolsters; Length, 3 inches; Large Congress and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S221½S—Bone Stag Handle.....**$15.60**

Half Dozen in a Box; Weight per Dozen, 1⅓ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3 inches; Large Congress and Small Pen Blades, Full Polished and Etched.

Per Dozen

No. 2S331½S—Bone Stag Handle.....**$13.70**

No. 2S331½CP—Celluloid Pearl Handle.. **13 70**

Half Dozen in a Box; Weight per Dozen, ⅔ lb.

Brass Lining; Length, 3⅛ inches; Large Spear and Small Pen Blades; Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. B478—Celluloid Pearl Handle.....**$12 00**

Half Dozen in a Box; Weight per Dozen, ⅔ lb.

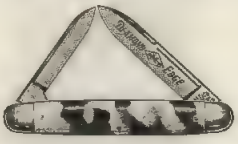
Fitted with Bail

Brass Lining; Length, 3⅛ inches; Large Spear and Small Pen Blades; Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. B479—Celluloid Pearl Handles.....**$15 00**

Half Dozen in a Box; Weight per Dozen, ¾ lb.



Brass Lining; Nickel Silver Bolsters; Length, 3 inches; Large Spear and Small Pen Blades, Half Polished and Etched.

Per Dozen

No. B656—Blue and White Mottled Celluloid Handle **$12 00**

No. B655—Imitation Stag Handle **12.00**

Half Dozen in a Box; Weight per Dozen, 1 lb.

Brass Lining; Nickel Silver Bolsters; Length, 2⅛ inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S380S—Bone Stag Handle.....**$16.00**

No. 2S380CP—Celluloid Pearl Handle... **16 00**

Half Dozen in a Box; Weight per Dozen, ⅞ lb.

Brass Lining; Nickel Silver Bolsters; Length, 2⅞ inches; Large Saber Clip and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

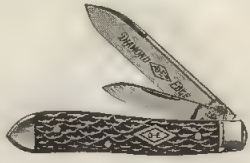
Per Dozen

No. 2S382¾CP—Celluloid Pearl Handle.**$16.00**

No. 2S382¾S—Bone Stag Handle..... **16.00**

No. 2S382¾CH—Celluloid Horn Handle **16.00**

Half Dozen in a Box; Weight per Dozen, 1⅔ lbs.



Brass Lining; Nickel Silver Bolsters; Length, 3⅛ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S153S—Bone Stag Handle..... **$16.00**

No. 2S153C—Fancy Celluloid Handle... **16.00**

No. 2S153CP—Celluloid Pearl Handle .. **16 00**

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3 inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S240C—Fancy Celluloid Handle...**$16.00**

No. 2S240S—Bone Stag Handle..... **16.00**

Half Dozen in a Box; Weight per Dozen, 1⅓ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3 inches; Large Spear and Small Pen Blades; Half Polished and Etched.

Per Dozen

No. B650—Celluloid Horn Handle.....**$12 00**

Half Dozen in a Box; Weight per Dozen, 1⅓ lbs.

POCKET KNIVES

SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

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TRADE MARK REGISTERED IN THE U. S. PATENT OFFICE

Brass Lining; Nickel Silver Bolsters; Length, 3⅛ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S381S—Bone Stag Handle.....$16 00

No. 2S381C — Black and White Stripe Celluloid Handle..... 16 00

No. 2S381CP—Celluloid Pearl Handle... 16.00

Half Dozen in a Box; Weight per Dozen, 1⅛ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3⅛ inches; Large Clip and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S381¾S—Bone Stag Handle $16.00

No. 2S381¾CP—Celluloid Pearl Handle. 16.00

No. B448—Celluloid Horn Handle..... 16 00

No. B448—Black and White Pearl Celluloid Handle 16.00

Half Dozen in a Box; Weight per Dozen, 1⅛ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3 inches; Large Spear and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S432CP—Celluloid Pearl Handle...$16.00

Half Dozen in a Box; Weight per Dozen, 1⅛ lbs.

Brass Lining; Nickel Silver Bolsters; Length 3 inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield

Per Dozen

No. 2S623C—Celluloid Horn Handle....$15 60

No. 2S623S—Bone Stag Handle 14 00

No. 2S623CP—Celluloid Pearl Handle.. 16.00

Half Dozen in a Box: Weight per Dozen, 1⅛ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3 inches; Large Clip and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S623¾C—Fancy Celluloid Handle $15 60

No. 2S623¾S—Bone Stag Handle..... 15.60

No. 2S623¾CP—Celluloid Pearl Handle 16.00

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3⅛ inches; Large Clip and Small Pen Blades; Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S535¾MP— Black and White Pearl Celluloid Handle.....$16.00

No. 2S535¾S—Bone Stag Handle..... 16.00

No. B421—Celluloid Horn Handle..... 16.00

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3⅛ inches; Large Clip and Small Pen Blades; Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. B456—Celluloid Horn Handle.....$16.00

No. B457—Black and White Pearl Celluloid Handles 16.00

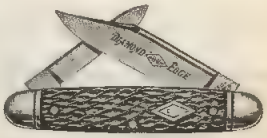
Half Dozen in a Box; Weight per Dozen, 1¼ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3⅛ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S542C—Green Celluloid Handle...$16 00

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.



Brass Lining; Nickel Silver Bolsters; Length, 3⅝ inches; Large Clip and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S200¾S—Bone Stag Handle.....$16.00

No. 2S200¾C—Green Celluloid Handle 15.00

No. 2S200¾CP—Celluloid Pearl Handle. 16.00

Brass Lining; Nickel Silver Bolsters; Length, 3⅝ inches; Large Clip and Small Pen Blades; Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. B501—Celluloid Horn Handle.....$16.00

No. B502—Black and White Pearl Celluloid Handle 16 00

Half Dozen in a Box; Weight per Dozen, 1⅛ lbs.

SHAPLEIGH'S TRADE MARK REG. ★ DIAMOND EDGE IN U. S. PAT. OFFICE

POCKET KNIVES

SHAPLEIGH'S ★ DIAMOND EDGE TRADE MARK REG. IN THE U. S. PAT. OFFICE

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Brass Lining: Nickel Silver Bolsters; Length, 3⅝ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S200C—Fancy Green Celluloid Handle.....$16.00

No. 2S200S—Bone Stag Handle..... 16.00

Half Dozen in a Box; Weight per Dozen, 1¼ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3⅝ inches; Large Spear and Small Pen Blades; Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S90S—Bone Stag Handle.....$16.00

No. 2S90C—Fancy Celluloid Handle.... 16.00

Brass Lining; Nickel Silver Bolsters; Length, 3⅝ inches; Large Clip and Small Pen Blades, Full Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S90¾S—Bone Stag Handle.....$16.00

Half Dozen in a Box; Weight per Dozen, 2 lbs.

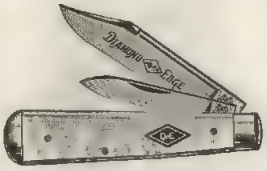
Brass Lining; Nickel Silver Bolsters; Length, 3⅝ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S638C—Green Celluloid Handle....$16 00

No. 2S638S—Bone Stag Handle..... 16.00

Half Dozen in a Box; Weight per Dozen, 1⅝ lbs.



Brass Lining; Nickel Silver Bolsters; Length, 3¼ inches; Large Clip and Small Pen Blades; Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S633¾CP—Celluloid Pearl Handle.$16.00

No. 2S633¾S—Bone Stag Handle..... 16.00

Half Dozen in a Box; Weight per Dozen, 1⅝ lbs.

Brass Lining, Nickel Silver Bolsters; Length, 3¼ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S633ST—Bone Stag Handle.....$16 00

No. 2S633CP—Celluloid Pearl Handle... 16.00

Half Dozen in a Box; Weight per Dozen, 1⅝ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3¼ inches; Large Clip and Small Pen Blades; Blades, Half Polished an Etched; Nickel Silver Shield.

Per Dozen

No. B400—Imitation Stag Handle..... $8.00

No. B401—Imitation Stag Handle; Large Spear and Small Pen Blades..... 8.00

Half Dozen in a Box; Weight per Dozen, 1½ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3¼ inches; Large Clip and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S8¾S—Bone Stag Handle.....$12.00

Half Dozen in a Box; Weight per Dozen, 1¾ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3¼ inches; Large Spear and Small Pen Blades, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. 2S8C—Golden Celluloid Handle....$12 00

Half Dozen in a Box; Weight per Dozen, 1⅝ lbs.

Brass Lining; Nickel Silver Bolsters; Length, 3½ inches, Half Polished and Etched; Nickel Silver Shield.

Per Dozen

No. B359—Bone Stag Handle; Large Clip and Small Pen Blades.....$12 00

No. B360 — Bone Stag Handle; Large Spear and Small Pen Blades 12 00

Half Dozen in a Box; Weight per Dozen, 2 lbs.

1835 R WALLACE *Heaviest* SILVER PLATE

MODE PATTERN

Grey Oxidized Finish

Figure at left of item indicates packing. ¹Each in black velvet lined box. ²Six in black velvet-lined box. ³Six in lined roll. ⁴Set in black velvet-lined box. ⁵Set in racked lined box. All others in bulk boxes.

SPOONS		Retail	List
Tea	dz.	$ 5.00	dz. $ 6.00
Dessert or Oval Soup	dz.	10.00	dz. 12.00
Table	dz.	10.00	dz. 12.00
Soup, Round Bowl	dz.	10.00	dz. 12.00
Cream Soup or Cereal	six	5.00	six 6.00
¹After Dinner Coffee	six	2.50	six 3.00
Five o'clock Tea	six	2.50	six 3.00
²Bouillon or Consomme	six	5.00	six 6.00
Iced Beverage	six	4.50	six 5.40
²Orange or Grape Fruit	six	4.50	six 5.40
²Jelly or Small Server	ea.	2.00	ea. 2.40
Sugar	ea.	1.00	ea. 1.20
Berry or Serving	ea.	2.50	ea. 3.00
²Preserve or Small Berry	ea.	2.00	ea. 2.40
Olive	ea.	1.00	ea. 1.20

FORKS			
Dinner	dz.	10.00	dz. 12.00
Dessert, Luncheon or Breakfast	dz.	10.00	dz. 12.00
²Ice Cream or Sherbet	six	5.50	six 6.60
²Salad or Pastry, individual	six	5.00	six 6.00
²Cocktail or Oyster	six	4.50	six 5.40
Olive or Pickle, long	ea.	1.00	ea. 1.20
Olive or Pickle, short	ea.	1.00	ea. 1.20
Cold Meat or Serving	ea.	2.00	ea. 2.40
Salad Serving	ea.	3.00	ea. 3.60

KNIVES — Hollow Handle, Mirror Stainless Blades			
²Grille	dz.	$24.00	dz. $31.20
²Dinner	dz.	26.00	dz. 31.20
²Dessert or Luncheon	dz.	26.00	dz. 31.20

KNIVES — Stainless Blades			
²Grille, Hollow Hand	dz.	$24.00	dz. $28.80
²Dinner, Hollow Handle	dz.	24.00	dz. 28.80
²Dessert or Luncheon, H. H	dz.	24.00	dz. 28.80
¹Dinner, Solid Handle	dz.	12.00	dz. 14.40
²Breakfast, Hollow Handle	dz.	24.00	dz. 28.80

KNIFE AND FORK SETS
6 Mirror Stainless Knives and 6 Forks)

		Retail	List
⁴Dinner (or Grille) Knives, H. H. and Dinner Forks	set	$18.00	set $21.60
⁴Dessert or Luncheon (or Grille) Knives, H. H. and Dessert or Luncheon or Breakfast Forks	set	18.00	set 21.60

(8 Stainless Knives and 6 Forks)

⁴Dinner (or Grille) Knives, H. H. and Dinner Forks	set	$17.00	set $20.40

KNIFE AND FORK SETS—Cont.
(8 Stainless Knives and 6 Forks)

		Retail	List
⁴Dessert or Luncheon (or Grille) Knives, H. H. and Dessert Luncheon or Breakfast Forks	set	$17.00	set $20.40
⁴Breakfast Knives, H. H., and Dessert, Luncheon or Breakfast Forks	set	17.00	set 20.40
⁴Dinner Knives, Solid H. and Dinner Forks	set	11.00	set 13.20

LADLES

²Sauce or Small	ea.	$1.50	ea $1.80
²Gravy or Serving	ea.	2.00	ea 2.40

CARVING SETS
Hollow Handles—Stainless Blades and Tines

⁴Game, 2 pieces	set	$ 9.00	set $10.80
⁴Game, 3 pieces	set	13.50	set 16.20
⁴Large, 2 pieces	set	10.75	set 12.90
⁴Large, 3 pieces	set	15.00	set 18.00
⁴Steak or Bird, 2 pieces	set	6.00	set 7.20

MISCELLANEOUS

¹Butter Knife or Server	ea.	1.00	ea 1.20
¹Cake or Sweets, H. H.	ea.	10.00	ea 12.00
¹Sugar Tongs	ea.	1.50	ea 1.80
¹Pie or Ice Cream Server, H. H.	ea.	3.00	ea 3.60
¹Pastry Server	ea.	3.00	ea 3.60
¹Round Server, pierced large	ea.	2.50	ea 3.00
¹Round Server, pierced small	ea.	2.50	ea 3.00
¹Jelly or small Server	ea.	1.25	ea 1.50
¹Cake Server, H. H.	ea.	3.00	ea 3.60
¹Cheese Server, H. H.	ea.	2.00	ea 2.40
¹Egg Server, H. H.	ea.	4.00	ea 4.80
Nut Crack, H. H.	ea.	5.50	ea 6.60
Punch Ladle, H. H.	ea.	22.00	ea 26.40
¹Salad Set, wood, H. H.	set	5.00	set 6.00
³Fruit Knives, H. H., stainless blades	six	9.00	six 10.80
³Butter Spreaders	six	4.50	six 5.40
¹Bread Knife, H. H.	ea.	4.00	ea 4.80

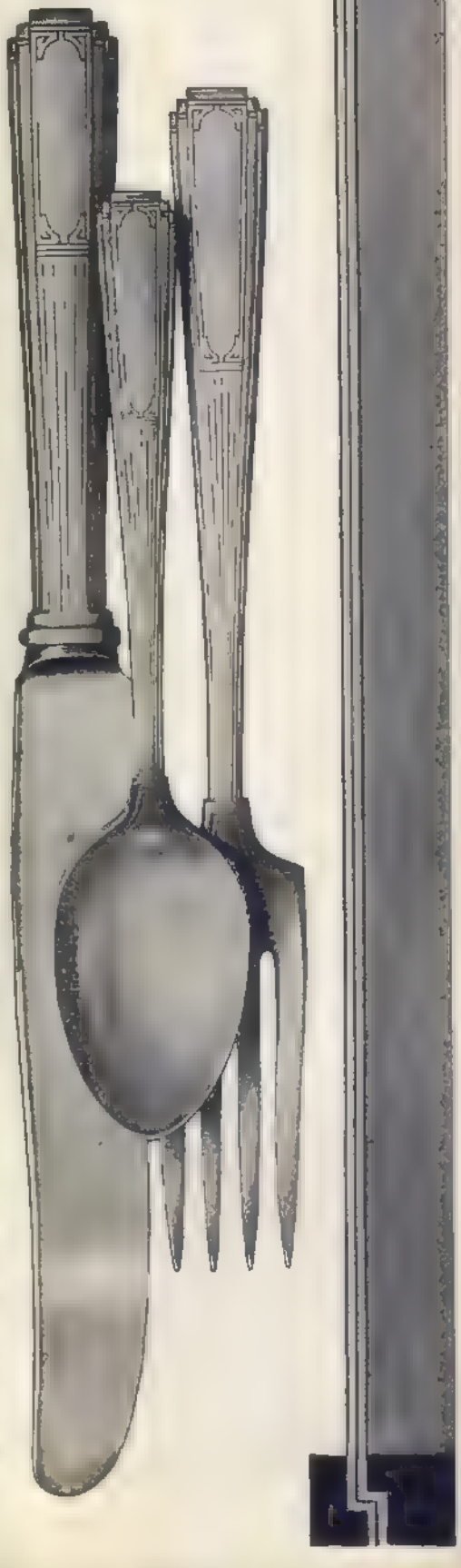
BABY AND INFANT'S SPOONS AND FORKS

¹Spoon, bent handle	ea.	$ .75	ea. $ .90
¹Spoon, straight handle	ea.	.75	ea. .90
¹Fork, straight handle	ea.	.75	ea. .90
Fork and bent Spoon	set	1.50	set 1.80
¹Fork and straight Spoon	set	1.50	set 1.80

CHILD'S SET

¹Spoon, Fork and H. H. Knife	set	$2.75	set $3.30

All prices subject to change without notice



THE STORMOR CHEST

Maroon Tarnish-Preventive Duvetyn Lined

Mahogany finish Holds from 24 to 34 pieces. Size closed 17 inches long, 13 inches deep, 4 inches high.

34-Piece Stormor Chest

Service for eight: 8 Tea Spoons, 8 Dessert or Oval Soup Spoons, 8 Knives, 8 Dinner Forks, 1 Butter Knife or Server, 1 Sugar Spoon.

	Retail	List
With Dinner (or with Grille) Knives, H. H., mirror stainless blade	$38.00	$45.60
With Dinner Knives, solid handle, mirror stainless blade	28.75	34.50

Same combination in Ascot Chest: with H. H. Knives, retail $34.00, list $43.20; with S. H. Knives, retail $25.75, list $32.10. Same combination in Encore Chest with H. H. Knives, retail $36.00, list $46.80, with S. H. Knives, retail $29.75, list $35.70. In De Luxe Zipper Case with H. H. Knives, retail $38.50, list $45.00 with S. H. Knives, retail $28.25, list $33.90.

STORMOR CHEST

THE DE LUXE ZIPPER CASE

Grey Tarnish-Preventive Velveteen Lined

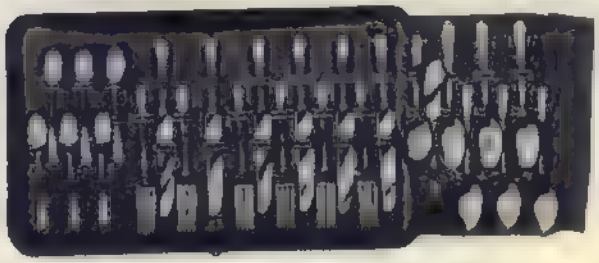
Black leatherette cover with talon zipper feature. Holds 26 or 34 piece services. Size closed, 12 by 9 by 2 inches.

26 Piece De Luxe Zipper Case

Service for six: 6 Tea Spoons, 6 Dessert or Oval Soup Spoons, 6 Knives, 6 Dinner Forks, 1 Butter Knife or Server, 1 Sugar Spoon.

	Retail	List
With Dinner (or with Grille) Knives, H. H., mirror stainless blade	$28.50	$34.20
With Dinner Knives, solid handle, mirror stainless blade	21.50	25.80

Same combination in Ascot Chest with H. H. Knives retail $25.50, list $33.00; with S. H. Knives, retail $20.50, list $24.60. In Encore Chest with H. H. Knives retail $30.50, list $36.60; with S. H. Knives retail $25.50, list $28.20. In Stormor: list with H. H. Knives, retail $26.50, list $35.40; with S. H. Knives, retail $22.50, list $27.00.



DE LUXE ZIPPER CASE

For 34 piece prices see under "Stormor Chest" above.

All prices subject to change without notice

1835 R WALLACE *Heaviest* SILVER PLATE

BUCKINGHAM PATTERN

Grey Oxidized Finish

Figure at left of item indicates packing: [1]Each in black velvet-lined box. [2]Six in black velvet-lined box [3]Six in lined roll. [4]Set in black-velvet lined box. [5]Set in racked lined box. All others in bulk boxes.

SPOONS

	Retail	List
Tea	dz. $ 5.00	dz.$ 6.00
Dessert or Oval Soup	dz. 10.00	dz. 12.00
Table	dz. 10.00	dz. 12.00
Soup, Round Bowl	dz. 10.00	dz. 12.00
Cream Soup or Cereal	six 5.00	six 6.00
[2]After Dinner Coffee	six 2.50	six 3.00
Five o'clock Tea	six 2.50	six 3.00
[2]Ice Cream	six 4.50	six 5.40
[2]Bouillon or Consomme	six 5.00	six 6.00
Iced Beverage	six 4.50	six 5.40
[2]Orange or Grape Fruit	six 4.50	six 5.40
[2]Jelly or Small Server	ea. 2.00	ea 2.40
[2]Sugar	ea. 1.00	ea. 1.20
[2]Berry or Serving	ea. 2.50	ea 3.00
[2]Preserve or Small Berry	ea 2.00	ea 2.40
[2]Olive	ea 1.00	ea 1.20

FORKS

Dinner	dz. 10.00	ds. 12.00
Dessert, Luncheon or Breakfast	dz 10.00	dz 12.00
[2]Ice Cream or Sherbet	six 5.50	six 6.60
[2]Salad or Pastry, individual	six 5.00	six 6.00
[2]Oyster or Cocktail	six 4.50	six 5.40
[2]Olive or Pickle, long	ea. 1.00	ea. 1.20
Olive or Pickle, short	ea 1.00	ea 1.20
Cold Meat or Serving	ea 2.00	ea 2.40
[2]Salad Serving	ea. 3.00	ea. 3.60

KNIVES
Hollow Handle—Mirror Stainless Blades

[2]Grille	dz. $26.00	dz $31.20
[2]Dinner	dz. 26.00	dz. 31.20
[2]Dessert or Luncheon	ds. 26.00	ds. 31.20

KNIVES
Stainless Blades

[2]Grille Hollow Handle	dz. $24.00	dz $28.80
[2]Dinner Hollow Handle	dz. 24.00	dz 28.80
[2]Dessert or Luncheon, H H	dz. 24.00	dz 28.80
[2]Dinner Solid Handle	dz. 12.00	dz. 14.40
[2]Breakfast, Hollow Handle	ds. 24.00	ds. 28.80

KNIFE AND FORK SETS
6 Mirror Stainless Knives and 6 Forks[4]

[4]Dinner (or Grille) Knives, H H, and Dinner Forks	set $18.00	set$21.60
[4]Dessert or Luncheon (or Grille) Knives, H. H., and Dessert, Luncheon or Breakfast Forks	set. 18.00	set. 21.60

6 Stainless Knives and 6 Forks)

[4]Dinner (or Grille) Knives, H H, and Dinner Forks	set $17.00	set$20.40

KNIFE AND FORK SETS—Cont.
(6 Stainless Knives and 6 Forks)

	Retail	List
[4]Dessert or Luncheon (or Grille) Knives, H H and Dessert, Luncheon or Breakfast Forks	set $17.00	set$20.40
[4]Breakfast Knives, H. H., and Dessert, Luncheon or Breakfast Forks	set 17.00	set 20.40
[4]Dinner Knives, Solid H and Dinner Forks	set 11.00	set 13.20

LADLES

[2]Sauce or Small	ea. $1.50	ea. $1.80
[2]Gravy or Serving	ea. 2.00	ea. 2.40
[2]Medium Soup or Serving	ea. 6.00	ea. 7.20

CARVING SETS
Hollow Handles—Stainless Blades and Tines

[4]Game, 2 pieces	set $ 9.00	set$10.80
[4]Game, 3 pieces	set 13.50	set 16.20
[4]Large, 2 pieces	set 10.75	set 12.90
[4]Large 3 pieces	set 15.00	set 18.00
[4]Steak or Bird, 2 pieces	set 6.00	set. 7.20

MISCELLANEOUS

[2]Butter Knife or Server	ea. 1.00	ea 1.20
[2]Cocktail Shears, H H	ea 10.00	ea 12.00
[2]Sugar Tongs	ea. 1.50	ea 1.80
[2]Pie or Ice Cream Server, H. H.	ea. 3.00	ea 3.60
[2]Pastry Server	ea. 3.00	ea 3.60
[2]Round Server, pierced, large	ea. 2.50	ea 3.00
[2]Round Server pierced, small	ea. 2.50	ea 3.00
[2]Jelly or small Server	ea. 1.25	ea 1.50
[2]Cake Server, H H	ea. 3.00	ea 3.60
[2]Cheese Server, H H	ea. 2.00	ea. 2.40
[2]Egg Server, H H	ea. 4.00	ea 4.80
Nut Crack, H. H	ea. 5.50	ea 6.60
Punch Ladle, H. H	ea. 22.00	ea 26.40
[2]Salad Set, wood, H H	set 5.00	set 6.00
[2]Fruit Knives, H. H., stainless blades	six 9.00	six 10.80
[2]Butter Spreaders	six 4.50	six 5.40
[2]Bread Knife, H. H	ea 4.00	ea 4.80

BABY AND INFANT'S SPOONS AND FORKS

[2]Spoon, bent handle	ea $ .75	ea $ .90
[2]Spoon, straight handle	ea .75	ea .90
[2]Fork, straight handle	ea. .75	ea. .90
Fork and bent Spoon	set 1.50	set 1.80
[2]Fork and straight Spoon	set 1.50	set 1.80

CHILD'S SET

[2]Spoon, Fork and H. H., Knife	set $2.75	set $3.30

All prices subject to change without notice

THE *FREE* ASCOT CHEST

Blue Tarnish-Preventive Duvetyn Lined

Blue body and cream cover. Metal feet. Holds from 26 to 86 pieces. Size closed 16 inches long, 11 inches deep, 4¾ inches high

38-Piece Ascot Chest

Service for six: 6 Tea Spoons, 6 Dessert or Oval Soup Spoons, 6 Knives, 6 Dinner Forks, 6 Salad or Pastry Forks, 6 Butter Spreaders, 1 Butter Knife or Server, 1 Sugar Spoon

	Retail	List
With Dinner (or with Grille) Knives, hollow handle, mirror stainless blade	$37.00	$44.40
With Dinner Knives, solid handle, mirror stainless blade	30.00	36.00

Same combination in Encore Chest, with H H. Knives, retail $39.50, list $47.40 with S. H. Knives, retail $32.50, list $39.00. In Stormor Chest with H H Knives, retail $39.00, list $46.80, with S H. Knives retail $32.00, list $38.40.

FREE ASCOT CHEST

THE ENCORE CHEST

Maroon Tarnish-Preventive Duvetyn Lined

Two-tone natural wood finish. Holds from 26 to 130 pieces. Size closed, 16 inches long, 11¼ inches deep, 5½ inches high

50-Piece Encore Chest

Service for twelve: 12 Tea Spoons, 12 Soup Spoons round bowl, 12 Knives, 12 Dinner Forks, 1 Butter Knife or Server, 1 Sugar Spoon

	Retail	List
With Dinner (or with Grille) Knives H. H., mirror stainless blade	$55.50	$66.60
With Dinner Knives, solid handle, mirror stainless blade	41.50	49.80

Same combination in Ascot Chest with H H Knives, retail $53.00, list $63.60, with S. H. Knives, retail $39.00, list $46.80. In Stormor Chest with H. H. Knives, retail $55.00, list $66.00, with S. H. Knives, retail $41.00, list $49.20.

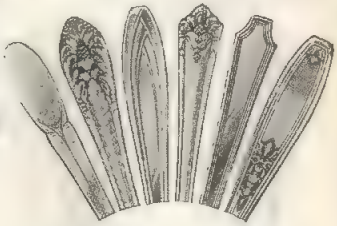
ENCORE CHEST

All prices subject to change without notice

FREE ADD-MORE SET.

Handsome case of red tertileather with gold tooled panels. Lined with American beauty Prevent-Tarnish plush.

No Extra Charge for Prevent-Tarnish Container.



1. 2. 3. 4. 5. 6.

1—Sylvia. 4—Her Majesty.
2—Marquise. 5—Legacy.
3—Silhouette. 6—Ambassador.

26 PIECES. Covers for Six.

6 dinner knives, 6 dinner forks, 6 tea spoons, 6 dessert or oval soup spoons, 1 butter knife or server, 1 sugar spoon.

Marquise	Her Majesty	Silhouette	Sylvia	Ambassador		Suggested Retail Per Set
C-912920V	C-902920V	C-892920V	C-922920V	C-842920V	With H. H. Viande knives, mirror stainless	$33 50
C-912920M	C-902920M	C-892920M	C-922920M	C-842920M	With H. H. regular knives, mirror stainless	33.50
C-912915M	C-902915M	C-892915M	C-922915M	C-842915M	With M. H. regular knives, mirror stainless	29 50

34 PIECES. Covers for Eight.

8 dinner knives, 8 dinner forks, 8 tea spoons, 8 dessert or oval soup spoons, 1 butter knife or server, 1 sugar spoon.

C-912983V	C-902983V	C-892983V	C-922983V	C-842983V	With H. H. Viande knives, mirror stainless	44 00
C-912983M	C-902983M	C-892983M	C-922983M	C-842983M	With H. H. regular knives, mirror stainless	44 00
C-912982M	C-902982M	C-892982M	C-922982M	C-842982M	With M. H. regular knives, mirror stainless	38.65

50 PIECES. Covers for Twelve.

12 dinner knives, 12 dinner forks, 12 tea spoons, 12 dessert spoons or oval soup spoons, 1 butter knife or server, 1 sugar spoon.

C-912934V	C-902934V	C-892934V	C-922934V	C-842934V	With H. H. Viande knives, mirror stainless	65.00
C-912934M	C-902934M	C-892934M	C-922934M	C-842934M	With H. H. regular knives, mirror stainless	65.00
C-912932M	C-902932M	C-892932M	C-922932M	C-842932M	With M. H. regular knives, mirror stainless	57 00

CASES ONLY.

	Each
No. C-2920—Prevent-Tarnish Add-More Chests; empty; to hold 26, 34 or 50 pieces	$3.75

WM. ROGERS & SON
SILVERPLATE

ORIGINAL ROGERS SILVER PLATE.

MAYFAIR.
Gray Finish.
C-73010.

PARIS.
Gray Finish.
C-74010.

GUILD.
Gray Finish.
C-72010.

BERGUNDY.
Bright Butler.
C-71010.

GEORGIC.
Satin Finish
C-75010

See page 2424 for prices.

1847 ROGERS BROS.

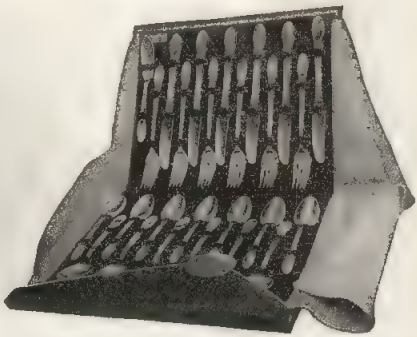
SILVERPLATE.

FREE TUCK-AWAY SET.

No Extra Charge for Prevent-Tarnish Container.

1. 2 3. 4. 5 6

1—Sylvia.
2—Marquise.
3—Silhouette.
4—Her Majesty.
5—Legacy.
6—Ambassador.



Handsome case of ostrich grain leather fabric. Lined with American beauty and black Prevent-Tarnish plush.

26 PIECES. Covers for Six.

6 dinner knives, 6 dinner forks, 6 tea spoons, 6 dessert or oval soup spoons, 1 butter knife or server, 1 sugar spoon.

Marquise	Her Majesty	Silhouette	Sylvia	Ambassador		Suggested Retail Per Set
C-912820V	C-902820V	C-892820V	C-922820V	C-842820V	With H. H Viande knives, mirror stainless ..	$33 50
C-912820M	C-902820M	C-892820M	C-922820M	C-842820M	With H H regular knives, mirror stainless .	33 50
C-912815M	C-902815M	C-892815M	C-922815M	C-842815M	With M. H regular knives, mirror stainless.	29 50

34 PIECES. Covers for Eight.

8 dinner knives, 8 dinner forks, 8 tea spoons, 8 dessert or oval soup spoons, 1 butter knife or server, 1 sugar spoon.

C-912883V	C-902883V	C-892883V	C-922883V	C-842883V	With H. H Viande knives, mirror stainless	44.00
C-912833M	C-902883M	C-892883M	C-922883M	C-842883M	With H. H regular knives, mirror stainless	44.00
C-912882M	C-902882M	C-892882M	C-922882M	C-842882M	With M H regular knives, mirror stainless	38 65

50 PIECES. Covers for Twelve.

12 dinner knives, 12 dinner forks, 12 tea spoons 12 dessert spoons or oval soup spoons, 1 butter knife or server, 1 sugar spoon.

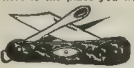
C-912834V	C-902834V	C-892834V	C-922834V	C-842834V	With H H Viande knives, mirror stainless	05 00
C-912834M	C-902834M	C-892834M	C-922834M	C-842834M	With H H regular knives, mirror stainless	05 00
C-912832M	C-902832M	C-892832M	C-922832M	C-842832M	With M H regular knives, mirror stainless	57 00

CASES ONLY.

	Each
No. C-2820—Prevent-Tarnish Tuck-Away; empty; to hold 26 pieces	$3.75
No. C-2883—Prevent-Tarnish Tuck-Away; empty; to hold 34 pieces	4.15
No. C-2834—Prevent-Tarnish Tuck-Away; empty; to hold 50 pieces	5.00

Pocket Cutlery

On this and the following pages you will find a wide selection of pocket cutlery. In every case you are offered the best value for the money. If it is something in the cutlery line you need to help strengthen your axles, here is the place you will find it. Let our low prices guide you.



3-in-1 Vest Pocket Manicure Set. Made in Japan. Assorted fancy colored celluloid handle. 1⅞ inches closed. 1 gross in box.
No. 10C169. Per gross.... .85

3-in-1 Vest Pocket Manicure Set. Made in Czecho-Slovakia. Assorted fancy colored celluloid handle. 1⅞ inches closed. Bulk packing, 1 gross in box.
No. 10C167. Per gross..... 1.65

5-in-1 Vest Pocket Manicure Set. Made in Czecho-Slovakia. Assorted fancy colored celluloid handle. 1⅞ inches closed. Bulk packing, 1 gross in box.
No. 10C170. Per gross..... 1.90

Novelty Automatic Drop Knife. Fancy design, gilt finish metal handle, glazed spear blade. Pressing the knob releases blade, which automatically falls in place. Size closed, 2¾ inches. One dozen on a display card.
No. 10C281. Per gross... 8.75
Per dozen..... .75

Boys' Jack Knife. One blade, mirror polished, assorted handles. Size closed, 3 inches One dozen in box.
No. 10C103. Per gross..... 9.25
Per dozen ..... .80

Pocket Knife. Two blades, highly polished finish, fancy metal handle with shackle for chain. Size closed 2⅝ in. One dozen in box.
No. 10C112. Per gross..... 8.75
Per dozen ..... .75

Pocket Knife. Two blades, highly polished finish, brass lining, fancy celluloid handle, with shackle for chain. Size closed 3⅛ in. One dozen in box.
No. 10C111. Per gross..... 9.25
Per dozen ..... .80

Pocket Knife. Two blades, highly polished finish, imitation stag handle, polished tips and shield. Size closed 3¼ in. One dozen in box.
No. 10C119. Per gross..... 13.75
Per dozen 1.20

Two Popular World's Fair Remembrances

Combination Pocket Knife with Corkscrew and Cap Lifter. Mirror polished blade. Nickel silver handle, die stamped as illustrated Shackle for chain. Size closed 3 in.
No. 38C4. Per gross..... 14.50
Per dozen..... 1.25

Etched Metal Handle Souvenir Pocket Knife. 2 blades, mirror polished, etched metal handles with designs of World's Fair buildings on colored background. Size of knife closed 3⅝ in.
No. 38C3. Per gross..... 18.00
Per dozen 1.65

Novelty Trick Knife. Can only be opened when the blade is held upward and closed when held the reverse way. Single blade, polished finish, gunmetal handle. Size closed 2⅞ in. Each knife in wrapper with printed directions. One dozen in box.
No. 10C118. Per dozen..... 1.50

Switch Back Knife. One large clip blade, full mirror polished on both sides. "No-Stag" and fancy celluloid handles, brass lined. Size of knife closed 5 in. One dozen in tray, assorted.
No. 10C124. Per dozen..... 1.95

American-made Scout Knife. 3 blades, master blade full mirror finish, can opener, combination cap lifter and screw driver. Brass lined, assorted colored celluloid handles. One dozen in tray.
No. 10C152. Per dozen..... 2.75

Novelty Knife. Sparkling celluloid handle, assorted colors—colored photographs of stage and bathing beauties; brass lined, nickel silver bolsters, 2 blades. Size closed, 3¼ inches. One dozen in box, assorted colors.
No. 10C180. Per dozen..... 3.75

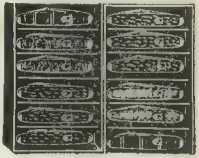
Pocket Knife Assortments

Jack Knife Assortment. Two blades, full mirror polished. Assorted spear and clip master blades. Imitation stag and fancy colored celluloid handles. Metal polished tips and shield. Size of knife closed, 3 inches. One dozen in display tray, assorted.

No. 10C104. Per dozen..... **1.75**

Pen Knife Assortment. 2 blades, clip and pen, mirror polished, assorted imitation stag and colored celluloid handles, brass lined, highly polished tips and shield. Size closed, 3⅛ inches. 1 dozen in display tray.

No. 10C105. Per dozen..... **1.85**



Jack Knife Assortment. 2 blades. Assorted clip and spear master blades. Blades full mirror polished on both sides. Imitation stag and fancy colored celluloid handles. Brass center lining. Nickel silver shield and metal polished tips. Size of knife closed 3⅛ inches. One dozen in display tray, assorted.

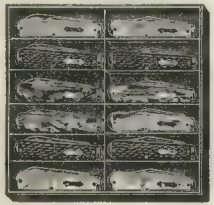
No. 10C123. Per dozen..... **1.90**

Pen Knife Assortment. Compo-Pearl Celluloid Handles. 2 blades, spear and pen, mirror polished, brass lined, highly polished tips and shield. Size closed, 3⅛ inches. 1 dozen in display box.

No. 10C106. Per dozen..... **1.95**

Jack Knife Assortment. 2 blades, assorted clip and spear master blades, mirror polished, imitation pearl celluloid handles, assorted patterns, brass lined, nickel silver bolsters and shield. Size closed, 3¾ inches, 1 dozen assorted in display box.

No. 10C130. Per dozen..... **3.75**



Jack Knife Assortment. "Compo-Pearl" Celluloid Handles. 2 blades, spear and pen, mirror polished, brass lined, highly polished tips and shield. Size closed, 3 inches. 1 dozen in display box.

No. 10C117. Per dozen..... **1.95**

Pocket Knife Assortment. 2 styles, cattle and premium stock patterns, 3¾ and 3½ inches, 3 blades, clip, spay and leather punch, all mirror polished. Imitation stag and colored celluloid handles, brass lined, nickel silver bolsters and shield. 1 dozen in display box.

No. 10C116. Per dozen..... **3.75**

ADOLPH GUND TALKS ABOUT STUFFED TOYS

The Gund line of stuffed animals will be displayed during the Toy Fair at the showrooms of this enterprising organization, 40 West 20th Street, New York City. This year's line is the most colorful in the history of this Company and J. Swedlin has quite outdone himself both in harmonious color schemes and original designs. In addition to their exclusive line of newly designed staple items, an unusually wide variety of special promotional numbers are included in this year's array. It is a far cry from the extensive line shown today by this company and the very limited number of toys that were manufactured way back in 1898 when Adolph Gund first started the manufacture of American made stuffed animals. Now in comfortable retirement at his country place in Ridgefield, Connecticut, Mr. Gund was recently interviewed by a PLAYTHINGS representative regarding the early history of domestic stuffed animal manufacture. Following a cordial reception, Mr. Gund passed the cigars and reminisced as follows in answer to the barrage of questions plied by the PLAYTHINGS reporter. Here's the story in his own words: "I started business in 1898, manufacturing beaded novelties such as chains, necklaces, etc., adding ladies neckwear and belts or anything new coming out in the novelty line. In 1906, when the Teddy Bear craze started abroad, a buyer asked me to make some samples. I had some plush made by Sidney Blumenthal and when I received the first few yards, I took everything I needed home with me and sitting up nearly all night, succeeded in making four sizes of Teddy Bears from ten to sixteen inches high. That was the start of the stuffed toy business in America—in August, 1906. At first the trade was very skeptical about my bears, the material and workmanship not being equal to the imported ones, but the demand grew to such an extent that importers could not supply enough, and within a few weeks I was swamped with orders. Being unprepared and inexperienced, I managed by actually working day and night to take care of a good share of that business. In 1907, I made my first Easter Rabbits and kept on working on special toys such as Teddy Bears, Taft Opossum, etc., until 1910. We then incorporated and made our first regular line of stuffed toys—adding new items and improving others from year to year. We had to put up a stiff fight not only against keen competition, but a good many buyers passed up our line and went to Europe to buy imported goods at lower prices. In 1914, however, American buyers sought domestic toys and the business started to flourish. On account of failing health, I had to retire from business and we dissolved our corporation in 1925 turning the assets over to Jack Swedlin, who for many years was in charge of the cutting department. Jack Swedlin was really the only one who had the courage and foresight to continue the business and with his brother Abe Swedlin, a very capable business executive, they have developed the business to its present large proportions."

CONESTOGA SHOWS NEW LINES

The Conestoga Corp. have redesigned the entire Big Bang Cannon line and all the old models have been discontinued. They are introducing three new items including non-skid train track silencers, and a new and especially well made field glass suitable for boy scouts and other boy organizations. The new guns are reproductions of full size Army Field guns and are finished in olive drab, the same as is used on actual U. S. Army guns. These models are equipped with a charger and ignitor. The charger is located on top of the gun-body near the breech. It is a covered metal receptacle which holds

The Conestoga Field Glass

enough Bangsite for about fifty shots. There is also a spring operated plunger. One push on the charger plunger loads the gun with just the right amount of Bangsite to make the loudest possible "Bang." The plunger measures the charge automatically, without opening the cover, so that it cannot overcharge. The ignitor is located on the top of the gun. It locks into the firing position with a quarter-turn bayonet lock. To fire, the ignitor plunger is pulled up and then pushed down. These new improved parts are so accurate in their action that the gun can easily be loaded and fired in the dark. The entire line will be on display in Room 443 at the Hotel McAlpin.

LULLABYE AT THE McALPIN

The Lullabye Furniture Corp. are displaying their complete line of doll bassinettes, doll cradles, coaster wagons, scooters, velocipedes and play yards in Room 445 at the Hotel McAlpin during the Toy Fair.

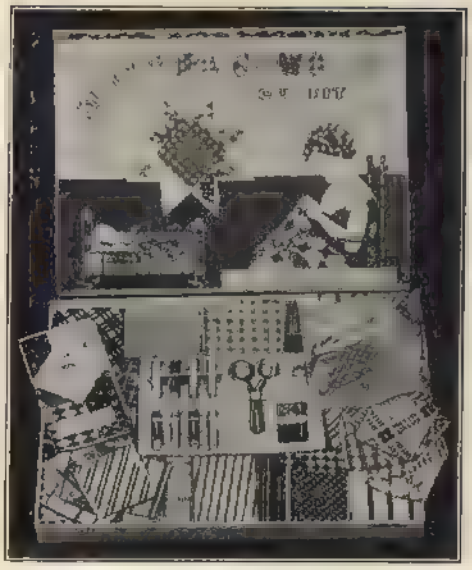
TOM MIX PLAY TENTS ANNOUNCED TO TOY TRADE

Robert G. Holmes, sales manager for The Canvas Products Company, 1240 South Seventh St., St. Louis, has just announced that they have been licensed to manufacture a line of Tom Mix Play Tents. With a sound merchandising plan behind them, and a carefully worked out dealer tieup campaign to promote nationwide sales, Mr. Holmes feels that Tom Mix Tents are destined to ride to victory in true Tom Mix style. Buyers attending the Toy Fair have a real treat in store for them when they see these new tents in the showroom of Louis J. Friedel, in the Fifth Avenue Building. One style is a striking waterproof, sunproof and fadeless tent with front and back in solid bright green and sides of khaki, newly designed to charm any boy outdoor enthusiast. Large colorful Tom Mix and Tony pictures appear on each side. The tents are made in different sizes and different styles; each being packed in convenient individual shipping cartons. They are new in design and equipment and of a high quality, yet maintaining a popular price range. Mr. Holmes remarked that "although we have manufactured tents for many years, we consider the Tom Mix Tents the best ever developed in the play tent line."

The tents will be nationally advertised in the American Boy Magazine, through which the cream of the boy market in America will be told the Tom Mix Play Tent story and will be given details of the new Tom Mix Tent Club plan. Dealers will be given display cards and club buttons. Dealers handling these tents will also benefit from the extensive Tom Mix exploitation over the radio, in comic strips, and in many national magazines. Of particular interest is the new Tom Mix movie, "The Miracle Rider," soon to be released in serial form. Incidentally, he is the owner and star performer in the sensational Tom Mix circus just beginning its two-year tour. It can easily be appreciated from these facts that there will be great publicity for the new tents. The manufacturers announce that buyers may place orders during April for shipments to reach them in ample time for spring and summer sale of the 1935 season. The Tom Mix promotion is planned to carry through for several years, reaching the 1935 peak at the Christmas season. Mr. Holmes reports many enthusiastic inquiries from dealers about the Tom Mix tents, even though they haven't as yet seen the actual samples.

NEW YORK STUFFED TOYS DISPLAYED AT SHOWROOMS

The New York Stuffed Toy Co., is showing a very complete line of stuffed toys at their New York showrooms, 130 W. 17th Street. In addition to their new designs in staple items, two unusual promotion numbers to retail at popular prices will be shown to visiting buyers for the first time during the New York Toy Fair. A cordial invitation is extended by this company to visit their showrooms.



STANDARD TOYKRAFT PRODUCTS DEVELOPS NEW EDUCATIONAL SPECIALTIES

Sol Luber, president of the Standard Toykraft Products, Inc., is ready once again to greet Toy Fair visitors with many outstanding new items noteworthy for their educational qualities. A new line of nature study and painting outfits has been developed representing a large investment in money and time. Each outfit includes a quality microscope with a complete painting set. Through the use of the microscope children become familiar with the many wonders of nature, while with the quality Standard Toykraft paints they are enabled to reproduce what they have seen. Mr. Luber feels that this unique combination has made possible a quality outfit of unusual educational possibilities. Quick to cash in on the trend of the times, Mr. Luber has developed another item of timely interest in their new patch work sewing outfit. Little Mother's Patch Work outfit makes it possible for even the youngest of children to make useful and colorful articles. Each outfit offers a complete assortment of gaily colored material of high quality so arranged as to make its use easy and simple for all children. In addition to these and other brand new specialties, Standard Toykraft Products will display their well known lines of Tom Sawyer painting sets, Geographic painting sets, Poster Color outfits, Little Artists' coloring outfits, as well as complete line of Jean Darling sewing and embroidery sets, Little Tots Thread-em sets, surprise packages, etc. Assisting Mr. Luber at the Toy Fair will be the popular and well known Standard Toykraft traveling men, Arthur Hoest and Gene Sackman.

Be American and Buy American

The Jecta-Scope Recently Introduced by the Federal Stamping & Engineering Corp.

FEDERAL STAMP. & ENG. CORP. ANNOUNCES THE JECTA-SCOPE

The recently announced Jecta-Scope, which has been developed in the laboratories of the Federal Stamping & Engineering Corp., boasts of many appealing features. It is so constructed that it projects pictures in daylight and in natural colors. These pictures can be projected in horizontal or vertical positions. Another important feature is the fact that it can also be used as a projecting microscope, giving it a definite scientific as well as educational value. Screen enlargements of over ten feet is diameter are possible with the use of an ordinary sixty-watt bulb. The volume production facilities of their large plant have enabled this progressive concern to offer the Jecta-Scope at a price that enables retailers to sell it for $1.00 with a substantial profit. Special automatic equipment designed for precision manufacture has been built for producing the Jecta-Scope. Also on display at the Federal Stamping & Engineering Corp. exhibit at the Hotel McAlpin, Room 871, will be the new 1935 Grapho-Scope. The new model of this widely known device is equipped with an image intensifier, a patented improvement which enables the Grapho-Scope to be used under any lighting condition. Special spotlight models have also been developed. These are equipped with a shade reflector which enables one to obtain the correct spotting of the light when using the Grapho-Scope for either picture copying or sketching portraits from life regardless of the surrounding light condition. The light beams of the lamp can be focused directly on the person or object to be drawn. Jesse Fishel will once again be in charge of the Federal Toy Fair display.

The New Grapho-Scope Being Shown at the McAlpin Hotel During the Toy Fair

NEW ITEMS IN LINCOLN LOG LINE

J. B. Forbes, vice-president and general manager of J. L. Wright, Inc., makers of Lincoln Logs and Allied Toys which have been popular items for many years, announces that they will show at the New York Toy Fair, from April 1st to 20th inclusive, a new Log Cabin construction set to be known as 'Lincoln Log Timbers." These Timbers will be square instead of round, and will be larger than the standard Lincoln Logs, but being made of soft wood they will not be any heavier. They are designed especially for younger boys and girls and will build cabins, benches, tables, fences, etc. Another item in which the department stores will be interested is a set of practically unbreakable metal figures of just the right size to go with toy trains. This is the latest addition to the already large Lincoln Log line of unbreakable metal figures. It will be known as the "Lincoln Station Set" and is made up of seven figures, approximately 2½ inches in height. These figures consist of two passengers, an engineer, conductor, redcap, telegraph messenger and policeman. They are beautifully enameled and attractively boxed. These numbers will be nationally advertised along with the rest of the Lincoln Log products. During the period of the Toy Fair they will be shown in Room 951, Hotel McAlpin, and also at the office of J. Warren Wiley, Room 450, 200 Fifth Avenue, New York City, where a permanent exhibit is maintained throughout the year.

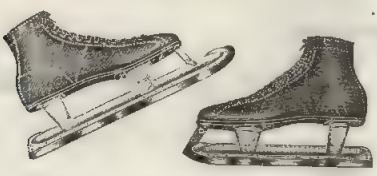
ALFRED'S FLASH ICE SKATES

GOOD QUALITY, WELL FINISHED

Runners Made of Highest Grade 7/64 Inch Steel, Expertly Tempered to Hold a Skating Edge; Tubular Back and Wide Hollow Pillars or Cups Give Great Strength and Rigidity.

Shoes Made of a Good Serviceable Black Leather; Uppers Reinforced with Non-Elastic Webbing to Prevent Stretching; All Styles are Unlined, but have Full Felt Lined Tongues.

MEN'S



RACERS

Length of Runners, 14, 15 and 16 inches, in Proportion to Size of Shoes.

Per Pair

No. FRM — Aluminum Finish; Shoe Sizes Carried in Stock: 5, 6, 7, 8, 9, 10 and 11; Weight per Pair, 3½ lbs. $11.00

One Pair in a Box

HOCKEY

Length of Runners, 12 inches.

Per Pair

No. FHM — Aluminum Finish; Shoe Sizes Carried in Stock: 5, 6, 7, 8, 9, 10, 11 and 12; Weight per Pair, 4 lbs. $11.00

One Pair in a Box

WOMEN

HOCKEY

Length of Runners, 11⅛ inches.

Per Pair

No. FHL — Aluminum Finish; Shoe Sizes Carried in Stock: 4, 5, 6, 7 and 8; Weight per Pair, 3½ lbs. $11.00

One Pair in a Box

RACERS

Length of Runners, 14, 15 and 16 inches, in Proportion to Size of Shoes.

Per Pair

No. FRL — Aluminum Finish; Shoe Sizes Carried in Stock: 3, 4, 5, 6, 7 and 8; Weight per Pair, 3½ lbs. $11.00

One Pair in a Box

ALFRED'S ROYAL ICE SKATES

Runners Made of Highest Grade 7/64 Inch Steel, Expertly Tempered to Hold a Skating Edge; Tubular Back and Wide Hollow Pillars or Cups Give Great Strength and Rigidity.

Good Black Leather Shoes with Non-Elastic Webbing to Prevent Stretching; Felt Lined Tongues.

RACERS

Length of Runners, 14, 15 and 16 inches, in Proportion to Size of Shoes.

Per Pair

No. RRM — Aluminum Finish; Shoe Sizes Carried in Stock: 5, 6, 7, 8, 9, 10, 11 and 12; Weight per Pair, 3 lbs. $10.00

One Pair in a Box

HOCKEY

Length of Runners, 12 inches.

Per Pair

No. RHM — Aluminum Finish; Shoe Sizes Carried in Stock: 5, 6, 7, 8, 9, 10, 11 and 12; Weight per Pair, 3 lbs. $10.00

One Pair in a Box

HOCKEY

Length of Runners, 12 inches.

Per Pair

No. RBT — Aluminum Finish; Shoe Sizes Carried in Stock: 5, 6, 7, 8, 9, 10, 11 and 12; Weight per Pair, 3 lbs. $13.50

One Pair in a Box

RACERS

Length of Runners, 14, 15 and 16 inches, in Proportion to Size of Shoes.

Per Pair

No. RRL — Aluminum Finish; Shoe Sizes Carried in Stock: 3, 4, 5, 6, 7 and 8; Weight per Pair, 3 lbs. $10 00

One Pair in a Box

HOCKEY

Length of Runners, 12 inches.

Per Pair

No. RHL — Aluminum Finish; Shoe Sizes Carried in Stock: 3, 4, 5, 6, 7 and 8; Weight per Pair, 3 lbs. $10.00

One Pair in a Box

CALLS

DUCK
BROADBILL

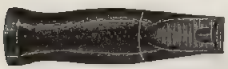
Will Produce with Perfect Accuracy Any Call of Our Native Ducks From the Short, Choppy Call of the Teal to the Long, Dignified Call of the Mallard Drake; It Will Not Break in Tone by Loud Calling; Made in Two Pieces; Reed Fastened Securely to One Side by Metal Clamp; Hardwood; Length, 5¼ inches; Enameled Black and Yellow to Represent Duck Bill.

Per Dozen
No. 700—Weight per Dozen, 1½ lbs.....**$16 00**
Twelfth Dozen in a Carton

DUCK
ALLEN

Hard Maple Shell: Natural Wood Finish; Cedar Reed Holder Contained in a Brass, Nickel Plated Tube; Brass Reed, Giving an Exact Call of All Species of Duck; Tuned From the Call of Living Birds; Length, 5 inches; Brass Ferrule.

Per Dozen
No. 500—Weight per Dozen, 2 lbs.....**$20.00**
Half Dozen in a Box



DUCK
OLT'S PERFECT MALLARD

So Constructed that Absolutely Nothing Can Get Out of Order; The Tongue is Securely Held in Place Between Two Hard Rubber Lips Tightly Fitted, Forced Into the Shell of the Call; Will Stay in Perfect Tone in All Kinds of Weather; No Adjustments Necessary; Ready for Instant Use at All Times; Length, 3¾ inches.

Per Dozen
No. OM—Weight per Dozen, 1 lb.....**$21.60**
One Dozen in a Box

DUCK
OLT

The Olt O. K. Duck Call, without the Interchangeable Tone Slide; This is a Perfect, High Grade Call, and is "Unequalled for Naturalness." Constructed Entirely of Hard Rubber, with a Straight Reed, which Makes This Call Stay in Perfect Tone in All Kinds of Weather; Length, 4¾ inches.

Per Dozen
No. 0—Weight per Dozen, 1 lb.....**$16.80**
One Dozen in a Box

CALLS

HAWK, CROW AND DUCK
SHERRILL

A New Three-in-One Call, Made from Arkansas Native, Selected and Specially Treated Hardwood, Natural Color; It Will Not Swell or Shrink; Floats in Water; Brass Reed; Brass Nickel Tube; Always in Tune Regardless of Weather Conditions; With a Little Practice the Following Perfect Imitations Can be Made: Dove, Rooster, Crow, Hen Cackle, Baby Cry, Sheep Bleat, Dog Bark and Pig Squeal.

Per Dozen
No. CHD—Length, 5¾ inches; Weight per Dozen, 3 lbs.....**$16.00**
Twelfth Dozen in a Box

HAWK, CROW

Conventional Blowing Type but will Give True Imitation of Crow or Hawk without Making a Change in Call; Hand Made of Best Grade Woods; Nicely Finished.

Per Dozen
No. CHC—Weight per Dozen, 1 lb.....**$48.00**
Twelfth Dozen in a Box

CROW
OLT

Closely Imitates the Natural Caw of the Crow; Constructed Entirely of Hard Rubber, with a Straight Reed which Makes This Call Stay in Perfect Tone in All Kinds of Weather; Easy to Operate; Length, 3½ inches.

Per Dozen
No. OC—Weight per Dozen, ½ lb.....**$16.80**
One Dozen in a Box

CROW
ALLEN

Very Natural Tone; Shell is Nicely Finished Hardwood; Brass Ferrule; Metal Reed; with Very Little Practice, Any Inexperienced Hunter Can Successfully Call Crows.

Per Dozen
No. 1915—Weight per Dozen, 1½ lbs...**$16.80**
One Dozen in a Box

HAWK

A Very Simple Call; Made of Viscoloid; No Reeds to Adjust the Tone; Sound Made by Rubber Band that Runs Through Center of Call; Red Color.

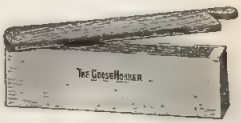
Per Dozen
No. DHC—Weight per Dozen, ½ lb.....**$4.00**
One Dozen in a Box

CALLS

TURKEY
KENWARD

Genuine Turkey Call; Made Entirely of Cedar; Nicely Finished; Beveled Edges; Length, 5½ inches; Width, 1 inch; Complete with Instructions for Operating Call and a Piece of Chalk which is Necessary for Its Operation.

Per Dozen
No. KTC—Weight per Dozen, 1½ lb...**$17.00**
Twelfth Dozen in a Box



THE GOOSE HONKER

A Box Type Call that Talks the Goose Language by the Simple Movement of the Hand; No Blowing; No Mistakes; Because of its Construction a Rank Novice Gets the Full Fluctuating Call of the Goose; Hand Made.

Per Dozen
No. GHC—Weight per Dozen, 2 lbs.....**$48.00**
Twelfth Dozen in a Box

FOX HORNS

Excels the Metal Variety for Use in Calling Hounds at a Fox Chase. It Produces a Louder and Clearer Tone.

Selected Texas Steer Horns, Scraped and Polished; Mouthpiece Will Not Produce Sore Lips and is Shaped so Any One Can Make a Very Clear Tone. Average Length, 14 inches.

Per Dozen
No. FH1—Weight per Dozen, 4½ lbs...**$48.00**
Loose

SHAPLEIGH'S POINTERS

To Get an Answer
One Must
Speak the Language
The
Birds Understand.
These Calls
Make it Easy.

SCRAMBLED EGGS INCORPORATED
AND ALLIED INDUSTRIES

SCRAMBLED EGGS
make perfect eggs when unscrambled

THE DINOSAUR
the mystery of the ages.

THE BANTAM
a miniature scrambled egg

KISS-ME
an intriguing romantic novelty

ARTISTS-EYES
These magic eyes lend magic skill to all

MAGIC BITS
An animal wonder game in felt.

FLYING SCALE MODELS THAT REALLY FLY

Some of the many model construction sets comprising our new line·

VULTEE SINGLE MOTOR TRANSPORT
NEW NORTHRUP NAVY FIGHTER
LATEST BOEING ARMY PURSUIT PLANE
MODERN DOUGLASS OBSERVATION PLANE
THE RYAN SPORT SPEEDSTER
NEW MARINE VOUGHT CORSAIR
STRATOSPHERE GUERCHAIS AIRPLANE

These airplanes when built have wing spans ranging up to 25" and are priced to retail from 50c to $1.50. Every Construction Kit is complete to the last detail not with mere pieces of wood but with actual finished parts such as carved propellers, turned wheels, cowlings, nose plugs, etc. See Allied's New Retractable Landing Gear. There are also several attractive 25c kits in the line.

ANOTHER OUTSTANDING FEATURE
A complete line of World War solid scale models in

AIRPLANE *with* HANGAR Construction Sets

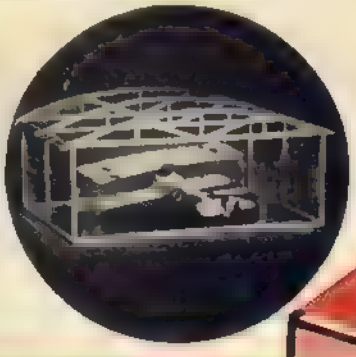
Which include beautiful, dust-proof transparent Hangar made of real celluloid. The combination retails at only $1.00 and comes packed in large elaborate, multi-colored display box. Additional solid scale models available to retail at 50c

A MOST UNUSUAL MERCHANDISING PLAN

Dealers both large and small can now display the finished product of our construction kits attractively conveniently and without expense.

This plan also makes possible the proper and effective presentation of our merchandise by jobbers and jobbers salesmen to their customers.

Come in and let us tell you about it



OUR EXTENSIVE DISPLAY IS WORTH SEEING VISIT OUR SALESROOM

200 FIFTH AVE., SUITE 520, NEW YORK

WILLIAM A. FINNERTY, REPRESENTATIVE

General Offices and Factory, 308 W. Randolph St., Chicago

FINEST QUALITY **ALVIN** SILVERPLATE

The GEORGE WASHINGTON Pattern

GUARANTEED PLATE

Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will gladly replace free of charge, any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

SPOONS

		Retail	List
Tea	per dozen	56.00	37.50
Dessert or Oval-Bowl Soup	per dozen	12.00	15.00
Soup (Round Bowl)	per dozen	12.00	15.00
Table	per dozen	12.00	15.00
Five O'Clock Tea	per dozen	6.00	7.50
Iced Tea	set of six	5.00	6.25
Orange or Grapefruit	set of six	5.00	6.25
Bouillon	set of six	6.00	7.50
Coffee	set of six	3.00	3.75
Sugar	each	1.00	1.25
Berry or Salad Serving	each	3.00	3.76
Olive	each	1.20	1.84
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94
Baby, Curved Handle	each	.75	.94

FORKS

Dessert	per dozen	12.00	15.00
Dinner	per dozen	12.00	15.00
Individual Salad or Pastry	set of six	6.00	7.50
Oyster	set of six	4.50	5.63
Cold Meat, Large, or Salad Serving	each	2.00	2.50
Cold Meat Small	each	1.75	2.18
Pickle or Olive	each	1.25	1.56
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94

KNIVES

All cutlery has hollow handles unless otherwise specified.

Dessert Stainless Steel French Blades,	per dozen	22.00	28.68
Dessert, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Stainless Steel French Blades,	per dozen	22.00	28.68
Dinner, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Fruit Stainless Steel Blades	set of six	5.00	13.02
Salad Stainless Mirror Finished Blades,	per dozen	25.00	32.60
Butter Spreaders, Individual	set of six	6.00	7.50
Butter, Flat Handle	each	1.00	1.30
Baby, Nursery Rhyme, Stainless Steel Blades	each	1.50	1.88

SEE BEAUTIFUL CASES and TRAYS ON PREVIOUS PAGES — FREE

LADLES

Cream or Sauce	each	2.00	2.50
Gravy	each	2.50	3.14
Soup, Hollow Handle	each	5.00	6.24
Punch, Hollow Handle	each	6.25	7.82

CARVING SETS

Carving, 3 pieces, Hollow Handle, Stainless Steel Knife and Fork with Rests	per set	16.50	21.48
Game 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	10.00	13.04
Steak 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	6.00	7.82

MISCELLANEOUS

Cucumber or Tomato Server, Flat Handle	each	3.00	3.76
Jelly Server	each	1.50	1.88
Sugar Tongs	each	1.75	2.18
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade	each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade	each	3.75	4.70
Round Server, Hollow Handle Stainless Mirror Finished Blade	each	5.00	6.24

SETS

Butter Knife and Sugar Spoon	per set	2.00	2.50
Salad, 2 pieces, Flat Handle	per set	3.00	3.76
Baby 3 pieces, Nursery Rhyme, Knife Stainless Steel	per set	3.00	3.76
Baby Spoon and Fork, Short Handle	per set	1.50	1.88
Child's 3 pieces Knife Stainless Steel Blade	per set	3.00	3.76

MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

The GEORGE WASHINGTON Pattern

GUARANTEED PLATE

Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will gladly replace free of charge, any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

SPOONS		*Retail*	*List*
Tea	per dozen	$6.00	$7.50
Dessert or Oval-Bowl Soup	per dozen	12.00	15.00
Soup (Round Bowl)	per dozen	12.00	15.00
Table	per dozen	12.00	15.00
Five O'Clock Tea	per dozen	6.00	7.50
Iced Tea	set of six	5.00	6.25
Grapefruit	set of six	5.00	6.25
Bouillon	set of six	6.00	7.50
Coffee	set of six	3.00	3.75
Sugar	each	1.00	1.26
Berry or Salad Serving	each	3.00	3.76
Olive	each	1.50	1.88
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94
Baby, Curved Handle	each	.75	.94

FORKS			
Dessert	per dozen	12.00	15.00
Dinner	per dozen	12.00	15.00
Individual Salad or Pastry	set of six	6.00	7.50
Oyster	set of six	4.50	5.63
Cold Meat, Large, or Salad Serving	each	2.00	2.50
Cold Meat, Small	each	1.75	2.18
Pickle or Pastry	each	1.25	1.56
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94

KNIVES			
All cutlery has hollow handles unless otherwise specified.			
Dessert Stainless Steel French Blades,	per dozen	22.00	28.68
Dessert, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Stainless Steel French Blades,	per dozen	22.00	28.68
Dinner, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Fruit, Stainless Steel Blades	set of six	10.00	13.03
Salad Stainless Mirror Finished Blades,	per dozen	25.00	32.60
Butter Spreaders, Individual	set of six	6.00	7.50
Butter, Flat Handle	each	1.00	1.26
Baby, Nursery Rhyme, Stainless Steel Blades	each	1.50	1.88

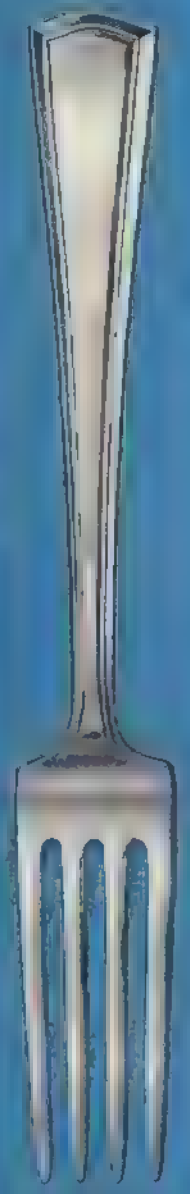
SEE BEAUTIFUL CASES and TRAYS FREE ON PREVIOUS ALVIN PAGES

LADLES			
Cream or Sauce	each	2.00	2.50
Gravy	each	2.50	3.14
Soup, Hollow Handle	each	5.00	6.24
Punch, Hollow Handle	each	6.25	7.82

CARVING SETS			
Carving, 3 pieces Hollow Handle, Stainless Steel Knife and Fork with guards	per set	16.96	21.48
Carving, 3 pieces Hollow Handle Stainless Steel Knife and Fork with guards	per set	10.00	13.04
Steak, 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	6.00	7.82

MISCELLANEOUS			
Cucumber or Tomato Server, Flat Handle	each	2.00	2.76
Jelly Server	each	1.50	1.88
Sugar Tongs	each	1.75	2.18
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade	each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade	each	3.50	4.70
Round Server, Hollow Handle, Stainless Mirror Finished Blade	each	5.00	6.24

SETS			
Butter Knife and Sugar Spoon	per set	2.00	2.50
Salad, 2 pieces, Flat Handle	per set	5.00	6.26
Baby, 3 pieces, Nursery Rhyme Knife Stainless Steel	per set	3.00	3.76
Baby Spoon and Fork Short Handle	per set	1.50	1.88
Child's, 3 pieces, Knife Stainless Steel Blade	per set	3.00	3.76



MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

GIFT CASE or MIRROR

FREE

with

26, 29, 34 or 50 PIECES

IN ALL PATTERNS

Set prices and combinations of items are shown on preceding page

GREAT quantities of Alvin Silver-plated flatware are used as gifts. Nearly always the giver wants his gift to be presented in an attractive container. The gift case pictured above is ideal for the purpose. It is a substantially constructed chest of selected wood. Linings are treated to prevent tarnish. Furnished in either Maple finish, with champagne velveteen lining, or jade green lacquer finish, with coral velveteen lining.

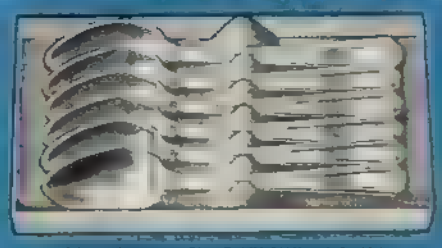
Furnished FREE with 26, 29, 34 or 50 piece sets in any pattern of silver plate by Alvin.

Melody Louisiana
George Washington Dawn

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

EVERY home, indeed, almost every room can always use, to advantage an attractive mirror. The mirror illustrated above will be a distinctive addition wherever used. The frame is a neutral silver burnished with gold glaze. The dimensions over all are 21¼" x 12½". The mirror is 14" x 10½" and is surmounted by one of those dainty silhouettes that are just now so popular. A velvet pad comes with it, blocked to display the silver.

Furnished FREE with 26, 29, 34 or 50 piece sets in any pattern of silver plate by Alvin.



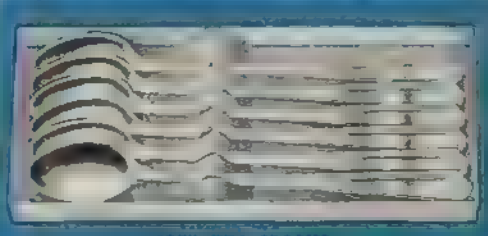
ORANGE OR GRAPEFRUIT SPOONS
Set of six — Retail, $5.00 List, $6.25

IND. SALAD FORK OR PASTRY FORK
Set of six — Retail, $6.00 List, $7.50

ICE CREAM FORKS
Set of six — Retail, $6.00 List, $7.50

BOUILLON SPOONS
Set of six — Retail, $6.00 List, $7.50

COFFEE SPOONS
Set of six — Retail, $3.00 List, $3.75



ICED TEA SPOONS
Set of six — Retail, $5.00 List, $6.25

OYSTER FORKS
Set of six — Retail, $4.50 List, $5.60

BUTTER SPREADERS
Set of six — Retail, $6.00 List, $7.50

MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

The LOUISIANA Pattern

GUARANTEED PLATE

Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will gladly replace, free of charge, any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

SPOONS		Retail	List
Tea	per dozen	$8.00	$7.50
Dessert or Oval-Bowl Soup	per dozen	12.00	15.00
Soup (Round Bowl)	per dozen	12.00	15.00
Table	per dozen	12.00	15.00
Five O'Clock Tea	per dozen	6.00	7.50
Iced Tea	set of six	5.00	6.25
Orange or Grapefruit	set of six	5.00	6.25
Bouillon	set of six	6.00	7.50
Coffee	set of six	3.00	3.75
Sugar	each	1.00	1.25
Berry or Salad Serving	each	3.00	3.74
Berry, Small	each	2.50	3.14
Olive	each	1.50	1.88
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94
Baby, Curved Handle	each	.75	.94

FORKS			
Dessert	per dozen	12.00	15.00
Dinner	per dozen	12.00	15.00
Individual Salad or Pastry	set of six	6.00	7.50
Oyster	set of six	4.50	5.63
Ice Cream	set of six	6.00	7.50
Cold Meat	each	2.00	2.50
Pickle or Olive	each	1.25	1.56
Salad Serving	each	3.75	4.70
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94

KNIVES			
All cutlery has hollow handles unless otherwise specified			
Dessert, Stainless Steel French Blades	per dozen	22.08	28.68
Dessert, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Stainless Steel French Blades	per dozen	22.08	28.68
Dinner, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Fruit, Stainless Steel Blades	set of six	10.00	13.83
Salad, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Butter Spreaders, Individual	set of six	5.50	7.50
Butter, Flat Handle	each	1.00	1.26
Baby, Nursery Rhyme, Stainless Steel Blades	each	1.50	1.88

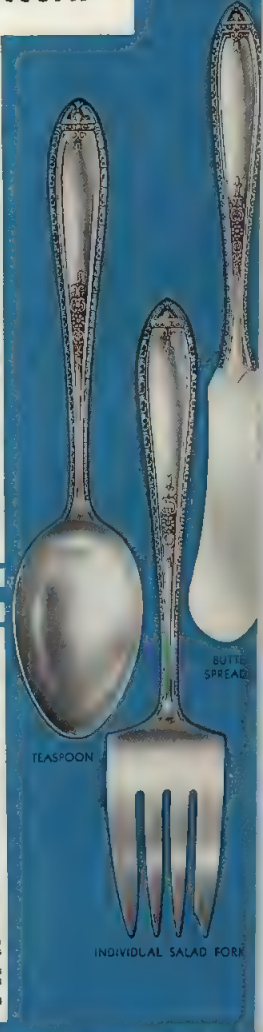
SEE BEAUTIFUL CASES and TRAYS ON FOLLOWING **FREE** ALVIN PAGES

LADLES			
Cream or Sauce	each	2.00	2.50
Gravy	each	2.50	3.14
Soup, Hollow Handle	each	5.00	6.24
Punch, Hollow Handle	each	6.25	7.82

CARVING SETS			
Carving, 3 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	16.50	21.48
Game, 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	10.00	13.04
Steak, 2 pieces, Stainless Steel Knife and Fork with guards	per set	6.00	7.82

MISCELLANEOUS			
Cucumber or Tomato Server, Flat Handle	each	3.00	3.78
Jelly Server	each	1.50	1.88
Sugar Tongs	each	1.75	2.18
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade	each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade	each	3.75	4.70
Round Server, Hollow Handle, Stainless Mirror Finished Blade	each	5.00	6.24
Pastry Server, Flat Handle	each	3.75	4.78

SETS			
Butter Knife and Sugar Spoon	per set	2.00	2.50
Salad, 2 pieces, Flat Handle	per set	6.75	8.46
Baby, 3 pieces, Nursery Rhyme, Knife Stainless Steel Blade	per set	3.00	3.76
Baby Spoon and Fork, Short Handle	per set	1.50	1.88
Child's, 3 pieces, Knife Stainless Steel Blade	per set	3.00	3.76



MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

ATTRACTIVE PRESENTATION SETS

IN MOIRE VELVET-LINED ROLLS

THESE ATTRACTIVE CONTAINERS

not only bring **Alvin** Silverware to you nicely displayed, but will serve to retain its lovely finish if the silver is stored in them when not in use.

PRICE LIST, SETS

Note: Table size sets furnished with tablespoons, unless Dessert or Soup spoons are specified. Price the same.

When ordering, please specify by name, free gift case wanted.

	Retail	List
***26-Piece Set** (Dessert or Dinner Size) of 6 Knives, Hollow Handle Stainless Steel Blades, 6 Forks, 6 Spoons, 6 Teas, 1 Butter Knife, 1 Sugar Spoon	$38.00	$25.82
With Mirror Finish Blades	29.50	37.58
With Long Handle Dinner Knives (Melody and Dawn patterns only)	29.50	37.58
With Solid Handle Dinner Knives (Melody pattern only)	24.50	31.06
***29-Piece Set** (Dessert or Dinner Size) 6 Knives, Hollow Handle Stainless Steel Blades, 6 Forks, 3 Serving Spoons, 12 Teas, 1 Butter Knife, 1 Sugar Spoon		
With Mirror Finish Blades	$38.00	$25.82
With Long Handle Dinner Knives (Melody and Dawn patterns only)	29.50	37.58
With Solid Handle Dinner Knives (Melody pattern only)	24.50	31.06

	Retail	List
***34-Piece Set** (Dessert or Dinner Size) of 8 Knives, Hollow Handle, Stainless Steel Blades, 8 Forks, 8 Spoons, 8 Teas, Butter Knife, 1 Sugar Spoon	$36.75	$46.64
With Mirror Finish Blades	38.75	49.26
With Long Handle Dinner Knives (Melody and Dawn patterns only)	38.75	49.26
With Solid Handle Dinner Knives (Melody pattern only)	32.00	40.56
***50-Piece Set** (Dessert or Dinner Size) of 12 Knives, Hollow Handle Stainless Steel Blades, 12 Forks, 12 Spoons, 12 Teas, 1 Butter Knife, 1 Sugar Spoon	$54.50	$68.70
With Mirror Finish Blades	57.50	72.62
With Long Handle Dinner Knives (Melody and Dawn patterns only)	57.50	72.62
With Solid Handle Dinner Knives (Melody pattern only	47.00	59.58

*Mirror pattern Forks and Mirror Finish Stainless Steel Blades only

MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

The LOUISIANA Pattern

GUARANTEED PLATE

Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will gladly replace, free of charge, any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

SPOONS		*Retail*	*List*
Tea	per dozen	16.00	$7.50
Dessert or Oval-Bowl Soup	per dozen	12.00	15.00
Soup (Round Bowl)	per dozen	12.00	15.00
Table	per dozen	12.00	15.00
Five O'Clock Tea	per dozen	6.00	7.50
Iced Tea	set of six	5.00	6.25
Orange or Grapefruit	set of six	5.00	6.25
Bouillon	set of six	6.00	7.50
Coffee	set of six	3.00	3.75
Sugar	each	1.00	1.24
Berry or Salad Serving	each	3.00	3.76
Berry, Small	each	2.50	3.14
Olive	each	1.50	1.88
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94
Baby, Carved Handle	each	.75	.94

FORKS		*Retail*	*List*
Dessert	per dozen	12.00	15.00
Dinner	per dozen	12.00	15.00
Individual Salad or Pastry	set of six	6.00	7.50
Oyster	set of six	4.50	5.63
Ice Cream	set of six	6.00	7.50
Cold Meat	each	2.00	2.50
Bonbon or Olive	each	1.25	1.56
Salad Serving	each	3.75	4.70
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94

KNIVES			
All cutlery has hollow handles unless otherwise specified			
Dessert, Stainless Steel French Blades,	per dozen	22.00	28.66
Dessert, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Stainless Steel French Blades,	per dozen	22.00	28.66
Dinner, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Fruit, Stainless Steel Blades	set of six	10.00	13.03
Salad, Stainless Mirror Finished Blades,	per dozen	17.00	22.00
Butter Spreaders, Individual	set of six	6.50	7.50
Butter, Flat Handle	each	1.00	1.24
Baby, Nursery Rhyme, Stainless Steel Blades	each	1.50	1.88

SEE BEAUTIFUL CASES and TRAYS FREE ON FOLLOWING ALVIN PAGES

LADLES			
Cream or Sauce	each	2.00	2.50
Gravy	each	2.50	3.14
Soup, Hollow Handle	each	5.00	6.24
Punch, Hollow Handle	each	6.25	7.82

CARVING SETS			
Carving, 3 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	16.50	21.48
Game, 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards,	per set	10.00	13.04
Steak, 2 pieces, Stainless Steel Knife and Fork with guards	per set	6.00	7.82

MISCELLANEOUS			
Cucumber or Tomato Server, Flat Handle	each	3.00	3.76
Jelly Server	each	1.50	1.88
Sugar Tongs	each	1.75	2.16
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade	each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade	each	3.75	4.70
Roast Server, Hollow Handle, Stainless Mirror Finished Blade	each	5.00	6.24
Pastry Server, Flat Handle	each	3.75	4.70

SETS			
Butter Knife and Sugar Spoon	per set	2.00	2.50
Salad, 2 pieces, Flat Handle	per set	6.75	8.45
Baby, 3 pieces, Nursery Rhyme Knife Stainless Steel Blade	per set	3.00	3.76
Baby Spoon and Fork, Short Handle	per set	1.50	1.88
Child's, 3 pieces, Knife Stainless Steel Blade	per set	3.00	3.76

MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

ATTRACTIVE
PRESENTATION SETS
IN MOIRE VELVET-LINED ROLLS

THESE ATTRACTIVE CONTAINERS

not only bring **Alvin** Silverware to you nicely displayed, but will serve to retain its lovely finish if the silver is stored in them when not in use.

PRICE LIST, SETS

Note: Table size sets furnished with tablespoons, unless Dessert or Soup spoons are specified. Price the same.

When ordering, please specify by name, free gift case wanted.

	Retail	Net
***26-Piece Set** (Dessert or Dinner Size) 6 Knives, Hollow Handle Stainless Steel Blades, 6 Forks, 6 Spoons, 6 Teas, 1 Butter Knife, Sugar Spoon	$ 80.00	$35.82
With Mirror Finish Blades	84.50	37.58
With Long Handle Dinner Knives (Melody and Dawn patterns only)	84.50	37.58
With Solid Handle Dinner Knives (Melody pattern only)	74.50	31.86
***28-Piece Set** (Dessert or Dinner Size) 8 Knives, Hollow Handle Stainless Steel Blades, 8 Forks, 8 Spoons, 8 Teas, 1 Butter Knife, Sugar Spoon	$84.50	$35.82
With Mirror Finish Blades	89.50	37.58
With Long Handle Dinner Knives (Melody and Dawn patterns only)	89.50	37.58
With Solid Handle Dinner Knives (Melody pattern only)	84.50	31.86

	Retail	Net
***34-Piece Set** (Dessert or Dinner Size) 8 Knives, Hollow Handle Stainless Steel Blades, 8 Forks, 8 Spoons, 8 Teas, 1 Butter Knife, 1 Sugar Spoon	$109.50	$46.64
With Mirror Finish Blades	115.50	49.26
With Long Handle Dinner Knives (Melody and Dawn patterns only)	115.50	49.26
With Solid Handle Dinner Knives (Melody pattern only)	109.50	46.56
***50-Piece Set** (Dessert or Dinner Size) 8 Knives, Hollow Handle Stainless Steel Blades, 12 Forks, 12 Spoons, 2 Teas, 1 Butter Knife, Sugar Spoon	$161.50	$68.79
With Mirror Finish Blades	170.50	72.62
With Long Handle Dinner Knives (Melody and Dawn patterns only)	170.50	72.62
With Solid Handle Dinner Knives (Melody pattern only)	140.00	59.58

*Melody pattern furnished with Mirror Finish Stainless Steel Blades only.

MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

The MELODY Pattern

GUARANTEED PLATE

Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will promptly replace free of charge, any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

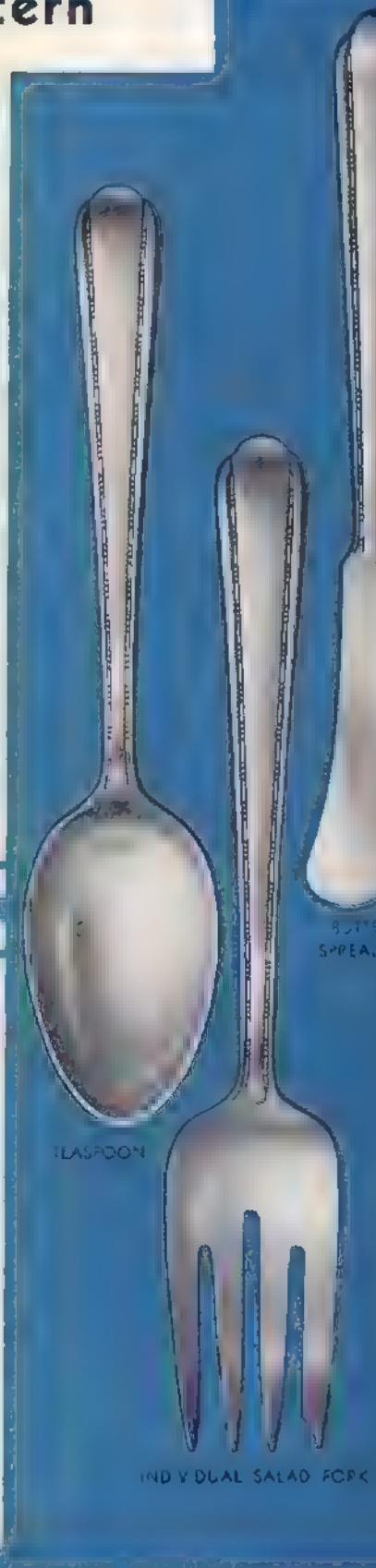
Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

		Retail	Last
SPOONS			
Tea	per dozen	$8.00	$7.50
Dessert or Oval-Bowl Soup	per dozen	12.00	15.00
Soup (Round Bowl)	per dozen	12.00	15.00
Cream Soup	per dozen	12.00	15.00
Table	per dozen	12.00	15.00
Iced Tea	per set of six	5.00	6.25
Orange or Grapefruit	per set of six	5.00	6.25
Bouillon	per set of six	6.00	7.50
Coffee	per set of six	3.00	3.75
Sugar	each	1.00	1.26
Berry or Salad Serving	each	3.00	3.76
Olive	each	1.50	1.88
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94
Baby, Curved Handle	each	.75	.94
FORKS			
Dessert	per dozen	12.00	15.00
Dinner	per dozen	12.00	15.00
Individual Salad or Pastry	per set of six	6.00	7.50
Oyster	per set of six	4.50	5.63
Ice Cream	per set of six	6.00	7.50
Cold Meat or Salad Serving	each	2.00	2.50
Pickle or Olive	each	1.25	1.56
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94
KNIVES			
All cutlery has hollow handles unless otherwise specified			
Dessert, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Long Handle, Short Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Solid Handle, Stainless Mirror Finished Blades	per dozen	15.00	19.56
Fruit, Stainless Mirror Finished Blade, set of six		11.00	14.34
Salad, Stainless Mirror Finished Blade, per dozen		25.00	32.60
Butter Spreaders, Individual	set of six	6.00	7.50
Butter, Flat Handle	each	1.00	1.26
Baby, Nursery Rhyme, Stainless Steel Blade	each	1.50	1.88

SEE BEAUTIFUL FREE CASES and TRAYS ON FOLLOWING ALVIN PAGES

LADLES			
Cream or Sauce	each	2.00	2.50
Gravy	each	2.50	3.14
CARVING SETS			
Carving Set, 3 pieces, Hollow Handle Stainless Steel Knife and Fork with guards	per set	16.50	21.45
Game Set, 2 pieces, Hollow Handle Stainless Steel with guards	per set	10.00	13.44
Steak Set, 2 pieces, Hollow Handle Stainless Steel with guards	per set	6.00	7.82
MISCELLANEOUS			
Cucumber or Tomato Server, Flat Handle	each	3.00	3.76
Jelly Server	each	1.50	1.88
Sugar Tongs	each	1.75	2.18
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade	each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade	each	3.75	4.70
Round Server, Hollow Handle, Stainless Mirror Finished Blade	each	5.00	6.24
SETS			
Butter Knife and Sugar Spoon	per set	2.00	2.50
Salad, 2 pieces, Flat Handle	per set	5.00	6.26
Baby, 3 pieces, Nursery Rhyme, Hollow Handle Knife	per set	3.00	3.76
Baby Spoon and Fork, Short Handle	per set	1.50	1.88
Child's, 3 pieces, Knife Stainless Mirror Finished Blade	per set	3.25	4.06

DESSERT FORK
DESSERT KNIFE MIRROR FINISH STAINLESS STEEL BLADES
DINNER KNIFE, LONG HANDLE MIRROR FINISH STAINLESS STEEL BLADES



MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

FINEST QUALITY **ALVIN** SILVERPLATE

The DAWN Pattern

GUARANTEED PLATE

Alvin Silver Plate is made in one quality only—the very best. It is guaranteed to the purchaser against defective craftsmanship or materials. We will gladly replace free of charge, any piece of Alvin Plate which does not give satisfactory service. We also authorize all Alvin Plate dealers to make this same guarantee.

Non-tarnish flannel rolls furnished with all single items and sets of six pieces at no extra charge.

SPOONS		Retail	List
Tea	per dozen	$6.00	$7.50
Dessert or Oval-Bowl Soup	per dozen	12.00	15.00
Soup (Round Bowl)	per dozen	12.00	15.00
Cream Soup	per dozen	12.00	15.00
Table	per dozen	12.00	15.00
Iced Tea	set of six	5.00	6.25
Orange or Grapefruit	set of six	5.00	6.25
Bouillon	set of six	6.00	7.50
Coffee	set of six	3.00	3.75
Sugar	each	1.00	1.26
Berry or Salad Serving	each	3.00	3.76
Olive	each	1.50	1.88
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94
Baby, Curved Handle	each	.75	.94

FORKS		Retail	List
Dessert	per dozen	12.00	15.00
Dinner	per dozen	12.00	15.00
Individual Salad or Pastry	set of six	6.00	7.50
Oyster	set of six	4.50	5.63
Ice Cream	set of six	6.00	7.50
Cold Meat	each	2.00	2.50
Pickle or Olive	each	1.25	1.56
Salad Serving	each	3.75	4.70
Baby, Nursery Rhyme	each	.75	.94
Baby, Short Handle	each	.75	.94

KNIVES All cutlery has hollow handles unless otherwise specified.			
Dessert, Stainless Steel French Blades	per dozen	22.00	28.68
Dessert, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Stainless Steel French Blades	per dozen	22.00	28.68
Dinner, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Dinner, Long Handle, Short Mirror Finished Blades	per dozen	25.00	32.60
Fruit, Stainless Steel Blades	set of six	10.00	13.03
Salad, Stainless Mirror Finished Blades	per dozen	25.00	32.60
Butter Spreaders, Individual	set of six	6.50	7.50
Butter, Flat Handle	each	1.00	1.26
Baby, Nursery Rhyme, Stainless Steel Blades	each	1.50	1.88

SEE BEAUTIFUL CASES and TRAYS FREE ON FOLLOWING ALVIN PAGES

LADLES			
Cream or Sauce	each	2.00	2.50
Gravy	each	2.50	3.14
Soup, Hollow Handle	each	5.00	6.24
Punch, Hollow Handle	each	6.25	7.82

CARVERS			
Carving, 3 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	16.50	21.48
Game, 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	10.00	13.84
Steak, 2 pieces, Hollow Handle, Stainless Steel Knife and Fork with guards	per set	6.00	7.82

MISCELLANEOUS			
Cucumber or Tomato Server, Flat Handle	each	3.00	3.76
Jelly Server	each	1.50	1.88
Sugar Tongs	each	1.75	2.18
Cheese Server, Hollow Handle, Stainless Mirror Finished Blade	each	2.50	3.14
Pie Server, Hollow Handle, Stainless Mirror Finished Blade	each	3.75	4.70
Round Server, Hollow Handle, Stainless Mirror Finished Blade	each	5.00	6.24

SETS			
Butter Knife and Sugar Spoon	per set	2.00	2.50
Salad, 2 pieces, Serving, Flat Handle	per set	6.75	8.46
Baby, 3 pieces, Nursery Rhyme, Knife Stainless Steel Blade	per set	3.00	3.76
Baby Spoon and Fork, Short Handle	per set	1.50	1.88
Child's, 3 pieces, Knife Stainless Steel Blade	per set	3.00	3.76

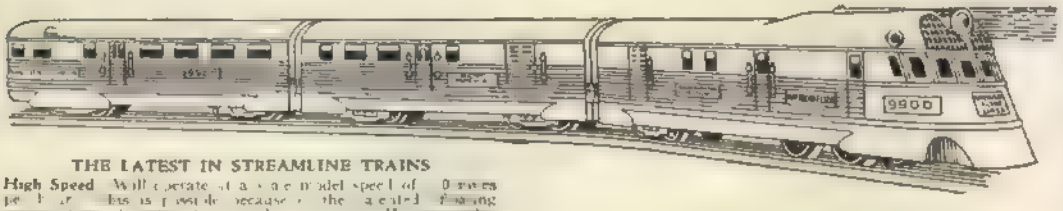
DESSERT FORK
DESSERT KNIFE MIRROR FINISH STAINLESS STEEL BLADES
DINNER KNIFE, LONG HANDLE MIRROR FINISH STAINLESS STEEL BLADES

MADE IN THE WORLD'S LARGEST STERLING SILVER MANUFACTORY

American Flyer Trains

Narrow Gauge (1⅜") Electrical Trains

TRANSFORMERS included AT NO EXTRA COST



THE LATEST IN STREAMLINE TRAINS

High Speed—Will operate at a scale model speed of [illegible] miles per hour. This is possible because of the scaled down size type of motor, track and car design. Has reversible motor.

Regular Track—No special size track is required to operate the American Flyer Zephyr. It will appeal to the owners of over two million narrow gauge trains. It will, of course, work with the regular automatic signals and other units on the market.

Economy of Space—Can traverse in a 33" circle with unlimited straight length. It does not require a whole room to operate the American Flyer Zephyr.

Special Finish—Closely resembling stainless steel. The entire train is beautifully finished with [illegible] enamel.

THE AMERICAN FLYER ZEPHYR

Transformer and Track—Included

Complete ready to run, locomotive, baggage and observation car, eight curve, six straight track, and 50 watt transformer included. Train 32" long.

334 J01. Complete **$24.50**

Built In Collaboration with the C. B. & Q. R. R.

The accuracy of the finished model was judged so perfect by the Chicago, Burlington & Quincy Railroad officials they have requested us to display the train in their "Zephyr" as it tours the country on its exhibition trip. If you want to give your customers the best in design and the smoothest operating streamline train ever, buy American Flyer's Zephyr with the Lit

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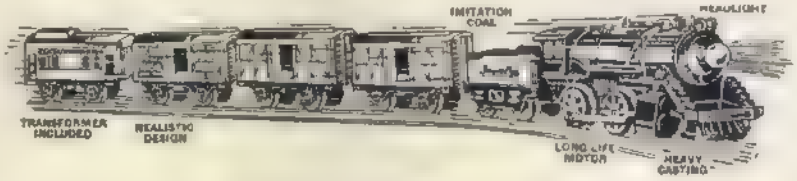
CHAMPION FREIGHT TRAIN—Transformer Included

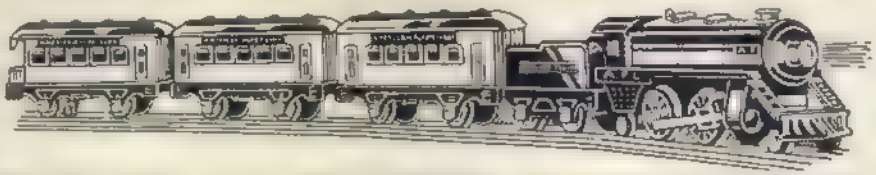
Fastest selling number. Features realistic heavy cast 7" locomotive, with black Japan finish electric headlight and piston rods. Tender has imitation coal. The two box cars, the stock car, and caboose are each 5" long, and are finished in bright detail colors. Transformer and eight curve track included. Train all complete ready to run—36" long.

334 J02. Complete **$6.60**



DIXIE QUEEN—

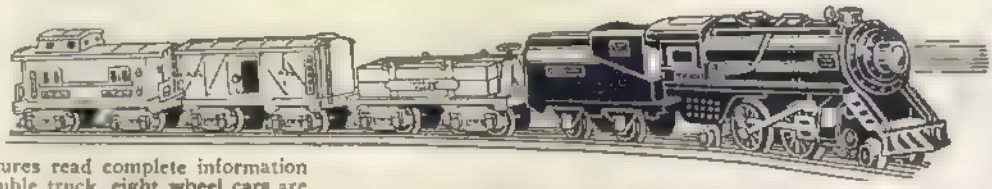
A 25 Watt Transformer Included



Features—(1) Powerful reversible motor (2) New switch feature permits lights to be "on" when train is standing still. (3) Pilot and booster trucks and nickel plated Piston Rods. (4) Focusing headlight, steel trolley roller. (5) Brass and copper trim. (6) Full enamel finish. Not lithograph, on Tender and Cars. (7) Realistic American design. (8) There are no squatty cars or locomotives in American Flyer Trains. (9) Eight full sized curve tracks interchangeable with regular narrow gauge track. (Locomotive and tender 12½" long, cars 6½" long, train 34½" long.)

334 J03. Complete **$9.54**

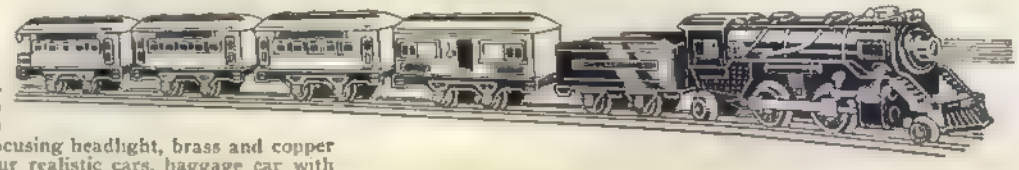
RANGER—Freight



This new three car freight train is one of the most popular outfits made for the young American railroader. You can have a world of fun loading and unloading the cars. New locomotive and tender has reversible motor, for its many features read complete information above. The beautifully finished double truck, eight wheel cars are each 6½" long. Log car is equipped with lumber, Auto car has sliding doors, and Caboose has electric light. They are strongly constructed and will last a long time. Eight curved and two straight tracks included form an oval 27"x37"—a total length of 8' 8". Packed complete with transformer. Train 36" long.

334 J04. Complete **$13.98**

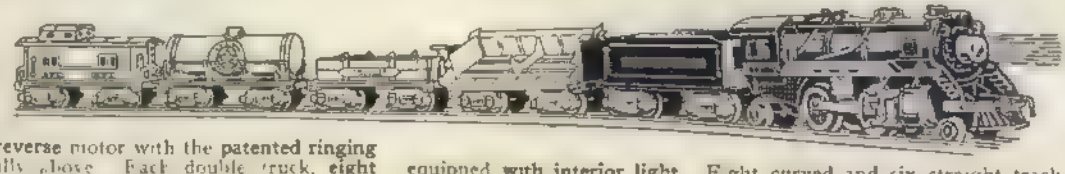
IRON DUKE—50 Watt Transformer Included



Features—(1) Triple action remote control reverse motor. (2) Realistic die cast locomotive. (3) Pilot and booster trucks. (4) Focusing headlight, brass and copper trim. (5) Large tender. (6) Four realistic cars, baggage car with sliding doors, observation with brass platform railing. (7) Eight curve and four straight track. (Locomotive and tender 15½" long, cars 6½" long, train 45" long.

334 J05. Complete **$18.36**

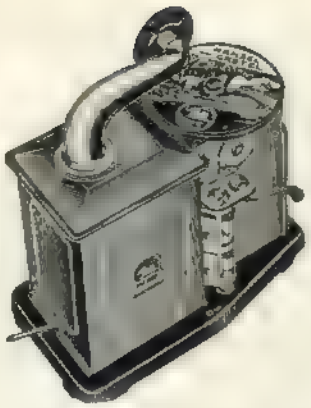
BRIGADIER—Freight—45½" Long



For the boys who prefer freight trains, the Brigadier will meet every requirement. Its powerful triple action remote control reverse motor with the patented ringing bell feature is described fully above. Each double truck, eight wheel car is 6½" long. Note particularly the new Dump car which permits entire load to be completely dumped. Log car is equipped with timber. Tank car adds realism to this outfit. The Caboose is equipped with interior light. Eight curved and six straight track included—form an oval 31"x61"—a total length of 12' 4". Packed complete with a 75 watt transformer.

334 J06. Complete **$25.74**

Leaders! For Your Toy Department



NIC PROJECTOR—"TALKIES"

Every child has dreamed of giving a real TALKING moving picture show. NIC brings the dream TRUE. We have developed an effective SYNCHRONIZED movie-talkie system which the littlest tot can operate, and which furnishes perfect results in a quiet room. The cost of this new machine is not very much higher than that of the original NIC Projector . . . and the results are simply above comparison. Now, with highly entertaining films and records carefully chosen for the NIC library, children can have an advanced new form of amusement hitherto only hoped for. "TALKIES" are here . . . and you dealers are going to reap the benefit! Now the little ones can HEAR, as well as see, Hansel and Gretel and dozens of other beloved characters of childhood romance! It is almost unbelievable . . . but it is TRUE!

333 J01. Complete with one film and single side record **$7.50**

FILM AND RECORD COMBINATIONS

This Combination Includes Two Rolls and a Double Faced Record

Combination A 333 J02.	Jack the Giant Killer The Owl and the Pussy Cat	**Combination D 333 J05.**	Three Little Pigs Life of George Washington
Combination B 333 J03.	Little Red Riding Hood Ali Baba and the Forty Thieves	**Combination E 333 J06.**	Cowboy Joe and the Indians Sinbad the Sailor
Combination C 333 J04.	Cowboy Joe Cinderella	**Combination F 333 J07.**	The Pied Piper of Hamelin The Knockout Kid

Per Set **75c**

Now you can have your own telephone system with Realphones, the new two-way telephones that operate on standard dry cell batteries. Modern, compact and good looking French style phones. Signal buzzers cleverly concealed in base. No installation necessary. No complicated mechanism. Furnished in pairs—all ready for use. Only the batteries need to be added. Realphones are especially convenient as room-to-room or house-to-garage telephones. Save time and steps. Equally useful in offices, factories, public garages, restaurants, stores, etc.

Packed in complete sets (except batteries) including 2 Realphones with buzzers, 35 feet of wiring and full instructions.

Choice of colors, Green, Chinese Red, Silver and Black.

333 J08. Per Set **$8.00**

SERV-U-FONE SYSTEM
TWO STATION SYSTEM
(Green Label)

A simple and effective call-and-return system for service between rooms, from house to garage or barn, store to stockroom, etc.

Wall or desk type telephones are furnished as desired, the desk type being furnished with a concealed buzzer, and the wall type with a concealed bell. Depressing the plunger on which the handpiece rests operates the signal of the other telephone.

Two wires are required between the telephones, and two dry cells at each telephone. Each telephone is furnished complete with terminal strip, 50 feet of single conductor interior wire, and full instructions for installing. (Batteries not included).

No.	Description	List, Each
333 J09.	Desk Type Telephone.	$5.60
333 J10.	Wall Type Telephone	5.60
333 J11.	Extra Single Conductor Interior Wire, per 100 feet	.68
333 J12.	Single Conductor Exterior Wire, per 100 feet	1.05

DESK TYPE TELEPHONE

WALL TYPE TELEPHONE

Names - Monograms - Initials - Designs - Emblems
Built Durably for the Factory or for Personal Use
Special Design Performs Work of the Large Size Burning Tools Available - Handy - Compact - Practical - No Mystery to Writing - Simple to Operate

MAGIC PYRORITE PENCIL

Burns Electrically Like Engraving—Writes Like a Pencil

Overall Length, 6½ in. On Wood, Leather, Rubber and the Like.

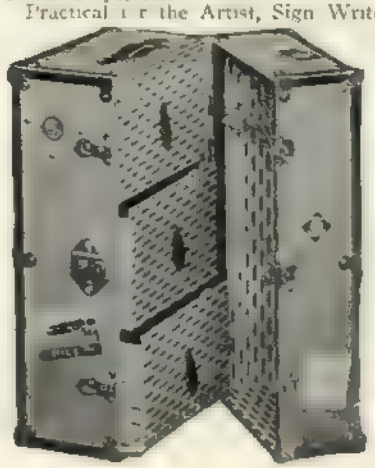
Some Practical Uses

Wooden Ware, Leather Goods, Rubber Goods, Shipping Crates, Barrels, Toys, Wooden or Composition Handles on Tools, Athletic Goods as Tennis Rackets, Golf Sticks, Golf Bags, Auto Tires, Poker Chips, etc.

Practical for the Artist, Sign Writer, Amusing and Recreational for the Novice.

Just Plug In—Heat Adjusts Itself—No Danger.

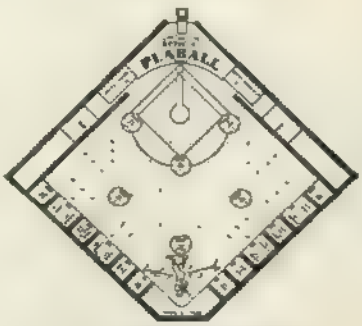
333 J13. Complete **$2.25**



CHILDREN'S TOY TRUNKS

Construction—Basswood box.
Covering—Fibre.
Binding—Angle steel, gold lacquered.
Hardware—Brass plated steel.
Lining—Fancy print.
Arrangement—Single trolley with three wood hangers. Three drawers.
Light blue color. Five sizes.

		List, Each
333 J14.	Size—12"x6½"x5¼".	$3.75
333 J15.	Size—14"x7¾"x7"	4.50
333 J16.	Size—16"x9½"x9½".	5.25
333 J17.	Size—18"x9½"x9½"	6.00
333 J18.	Size—22"x10½"x10½"	7.50



"LOU" GEHRIG'S OFFICIAL PLABALL GAME

A Complete New Baseball Game With All Features for Bagatelle Play

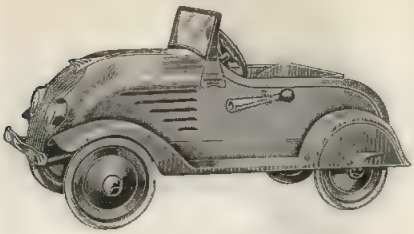
- New Type of Shooter Exclusive in PLABALL. Permits aiming in all directions.
- Tempered Steel Spring in Shooter gives Speedy Action.
- Fascinating Play.
- The Most Accurate scoring Baseball Game on the market. Every Play.
- Has all features for Bagatelle Pin Game play.
- Walnut Finish.
- Heavy Plywood Playing Field.
- New Style Moulded edge. No nail heads exposed.
- Instructions and Box Score Sheet furnished with every Game.

18 in. Square Playing Field

333 J19. Complete **$1.50**

JUVENILE AUTOMOBILES

AMERICAN



AIRFLOW DESOTO

Finished in an Attractive Shade of Red, with Black and White Stripe, and Carries Full Equipment.

Length—46 inches.

Finish—Red with White and Black Stripe.

Gear—Ball Bearing Drive Rods and Steering Gear; Adjustable Rubber Pedals.

Wheels—10-inch Disc Wheels with **¾-inch** Rubber Tires.

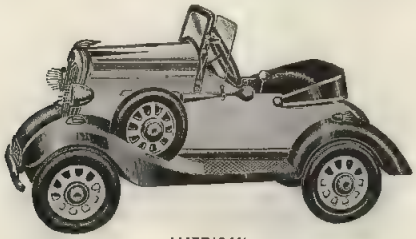
Equipment—As Shown, Including Electric Headlights; with No. 14, 2.5 Volt Bulbs; Each Light Requires Two No. U or Other Standard Flashlight Battery Units; Enameled Bumper and Windshield.

Packing—For Easy Set-up.

Each

No. 4603—Weight Each, 65 lbs. **$27 00**

One in a Carton



AMERICAN

CADILLAC

Length Over All—49 inches.

Finish—Two-Tone Green with Yellow Striping.

Gear—Full Ball Bearing Drive Rods and Steering Gear. Rear Springs. Adjustable Rubber Pedals.

Wheels—New AUTOSPOKE Type. Roller Bearing. 10-inch Diameter, **1½-inch** Rubber Tires.

Equipment—Bullet Type Electric Headlights and Tail Light (Less Batteries.) Modern Streamline Fenders. Front Fender Apron. Gear Shift. Instrument Board. Padded Seat. License Tag. Chromium Plated Radiator Front, Lamps, Windshield and Steering Wheel. New Style Streamline Bumper. Balance as Shown.
Each Light Requires Two No. U or Other Standard Flashlight Battery Units.

Packed—For Easy Set-Up.

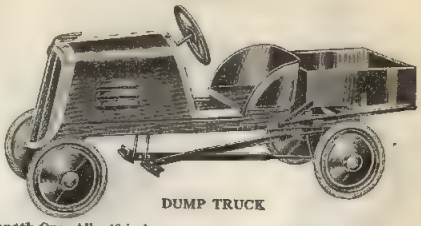
Each

No. 4534—Weight Each, 80 lbs. **$43.00**

One in a Carton

JUVENILE AUTOMOBILES

AMERICAN



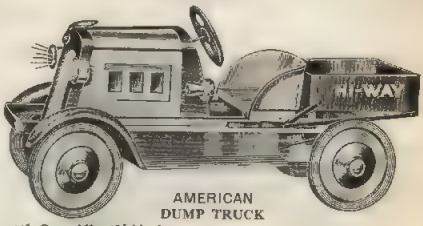
DUMP TRUCK

Length Over All—46 inches.
Finish—Red with Cream Striping; Dumping Box Black.
Gear—Ball Bearing; Adjustable Rubber Pedals.
Wheels—8-inch Disc; **½-inch** Rubber Tires.
Equipment—End Gate on Dumping Box Works Automatically when Box is Raised or Lowered. Balance as Shown.

Each

No. 4580—Weight Each, 39 lbs. **$14.00**

One in a Crate



AMERICAN

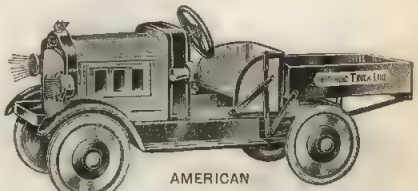
DUMP TRUCK

Length Over All—49½ inches.
Finish—Green with Cream Panels and Red Trim. Dumping Box Finished in Green.
Dumping Box—13x12½ inches; Heavy Steel; End Gate Automatically Opens and Closes when Box is Raised or Lowered.
Gear—Ball Bearing; Adjustable Rubber Pedals.
Wheels—10-inch Disc; **¾-inch** Rubber Tires.
Equipment—Electric Head Lights with No. 14, 2.5 Volt Bulbs (Less Batteries); Rooter Horn; Balance as Shown.
Each Light Requires Two No. U or Other Standard Flashlight Battery Units.

Each

No. 4562—Weight Each, 45 lbs. **$20.50**

One in a Carton



AMERICAN

WHITE TON TRUCK

Length Over All—52½ inches.
Finish—Red and Black, Trimmed in Yellow.
Dumping Box—13¾x18 inches Heavy Metal; End Gate Automatically Opens and Closes when Box is Raised or Lowered; Finish Black.
Gear—Ball Bearing; Adjustable Rubber Pedals.
Wheels—10-inch Disc.; **1-inch** Rubber Tires.
Equipment—Electric Head Lights with No. 14, 2.5 Volt Bulbs (Less Batteries), Rooter Horn; Balance as Shown.
Each Light Requires Two No. U or Other Standard Flashlight Battery Units.

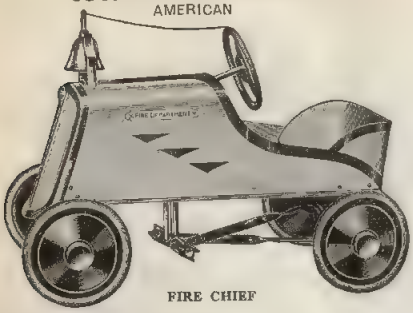
Each

No. 4560—Weight Each, 51 lbs. **$24 00**

One in a Carton

JUVENILE AUTOMOBILES

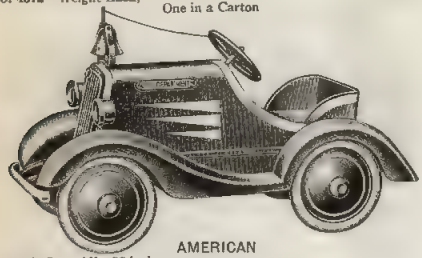
AMERICAN



FIRE CHIEF

Length Over All—31 inches.
Finish—White Enamel, with Red Panels and Striping.
Gear—Adjustable Rubber Pedals.
Wheels—8-inch Disc; **½-inch** Rubber Tires.
Equipment—Fire Bell; Balance as Shown.

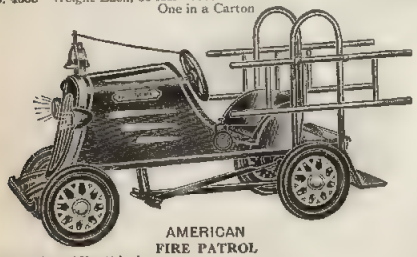
Each
No. 4572—Weight Each, 26 lbs. **$11 00**
One in a Carton



AMERICAN

Length Over All—38 inches.
Finish—Fire Red with White Panels and Striping.
Gear—Ball Bearing; Adjustable Rubber Pedals.
Wheels—9½-inch Disc; **⅝-inch** Rubber Tires.
Equipment—Electric Head Lights with No. 14, 2.5 Volt Bulbs (Less Batteries); Each Light Requires Two No. U or Other Standard Flashlight Battery Units; V-type Radiator Front; Modern Streamline Fenders; Balance of Equipment as Shown.

Each
No. 4588—Weight Each, 55 lbs. **$16 50**
One in a Carton



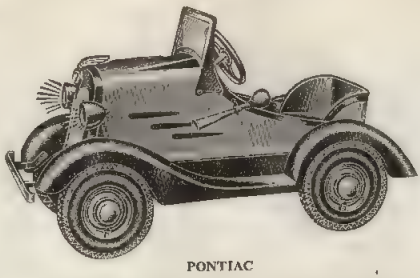
AMERICAN
FIRE PATROL

Length Over All—49 inches.
Finish—Fire Red, Trimmed in Yellow.
Gear—**Full Ball Bearing Drive Rods and Steering Gear. Adjustable** Rubber Pedals.
Wheels—10-inch Spoke Type Disc; **1-inch** Rubber Tires.
Equipment—Bullet Type Electric Headlights with No. 14, 2.5 Volt Bulbs (Less Batteries); Each Light Requires Two No. U or Other Standard Flashlight Battery Units; Fire Siren; Instrument Board; Two Ladders; Rear Platform; Balance as Shown.

Each
No. 4577—Weight Each, 51 lbs. **$25 00**
One in a Carton

JUVENILE AUTOMOBILES

AMERICAN



PONTIAC

With 10x2.75 Firestone Gum Dipped Balloon Tires and Ball Bearing Wheels

Length Over All—43½ inches.

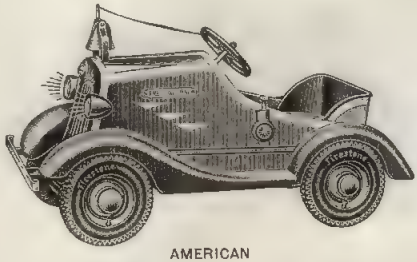
Finish—Jade Green with Forest Green Panels and Yellow Striping.

Equipment—As Shown, Including Bullet Type Electric Head Lights with No. 14, 2.5 Volt Bulbs (Less Batteries); Each Light Requires Two No. U or Other Standard Flashlight Battery Units; Streamline Fenders.

Gear—Ball Bearing Drive Rods and Steering Gear; Adjustable Rubber Pedals.

Wheels—10-inch Double Disc Wheel with High Grade Ball Bearings; 2.75 Firestone Gum Dipped Balloon Tires.

Each
No. 4518FP—Weight Each, 60 lbs. **$23 00**
One in a Carton



AMERICAN

With 10x2.75 Firestone Gum Dipped Balloon Tires and Ball Bearing Wheels

Length Over All—43½ inches.

Finish—Fire Chief Red with White Panels and White Striping.

Gear—Ball Bearing Drive Rods and Steering Gear; Adjustable Rubber Pedals.

Wheels—10-inch Double Disc Wheels with High Grade Ball Bearings; 2.75 Firestone Gum Dipped Balloon Tires.

Equipment—As Shown, Including Electric Head Lights with No. 14, 2.5 Volt Bulbs (Less Batteries); Each Light Requires Two No. U or Other Standard Flashlight Battery Units; Streamline Fenders, Nickel Plated Fire Bell and Fire Siren.

Each
No. 4543FP—Weight Each, 60 lbs. **$29 00**
One in a Carton

FINE SILVER PLATED FLATWARE

Barrington Pattern
Bright Finish

An outstanding pattern in popular priced flatware. Guaranteed to wear satisfactorily in family service for 35 years. Made by the American Silver Co., leading manufacturers since 1857.

Prices Subject to Wholesale Discounts. ***See Page 2.***

SPOONS

	Per Dozen
Tea	$3.00
Dessert, cereal or oval Soup	7.20
Table or Serving	7.20
Soup, Round Bowl	7.20
Bouillon	5.40
Iced Tea or Iced Drink	5.40

FORKS

	Per Dozen
Dinner	$7.20
Dessert	7.20
Oyster or Cocktail	5.40
Salad	5.00

KNIVES

	Per Dozen
Dinner, Hollow Handle, Stainless Mirror Finish	$23.00
Dessert, Hollow Handle, Stainless Mirror Finish	23.00
Butter Spreaders	5.40

SERVING PIECES

	Each
Berry Spoon	$1.70
Butter Knife	.70
Cold Meat Fork	1.40
Gravy Ladle	1.70
Pie Server, Hollow Handle, Stainless	3.00
Sugar Shell	.70

GIFT CHEST COMBINATIONS

Complete with chest DS500 illustrated on page 184.

26 Piece Set, Service for 6 — $23.00
Knives with Hollow Handles and Stainless Blades

26 Piece Set, Service for 6 — $16.50
Knives with Solid Handles and Stainless Blades

Contents: 6 each, Dinner Knives, Dinner Forks, Tea Spoons and Soup Spoons. 1 Butter Knife and 1 Sugar Spoon.

34 Piece Set, Service for 8 — $30.00
Knives with Hollow Handles and Stainless Blades

34 Piece Set, Service for 8 — $21.00
Knives with Solid Handles and Stainless Blades

Contents: 8 each, Dinner Knives, Dinner Forks, Tea Spoons and Soup Spoons. 1 Butter Knife and 1 Sugar Spoon.

50 Piece Set, Service for 8 — $35.50
Knives with Hollow Handles and Stainless Blades

50 Piece Set, Service for 8 — $28.50
Knives with Solid Handles and Stainless Blades

Contents, 8 each Dinner Knives, Dinner Forks, Tea Spoons and Soup Spoons and Forks, Butter Spreaders, 1 Butter Knife and Sugar Spoon.

The Sets described above are not to be purchased without the chest. Put up in a attractive Silk and Velvet lined chest at the total cost of the sets if purchased separately.

26 Piece Set, Hollow Handle Knives — $20.00
26 Piece Set Solid Handle Knives — 13.50
34 Piece Set Hollow Handle Knives — 27.00
34 Piece Set, Solid Handle Knives — 18.00
50 Piece Set, Hollow Handle Knives — 34.50
50 Piece Set, Solid Handle Knives — 25.50

FINE SILVER PLATED FLATWARE

THE TALISMAN PATTERN — French Grey Finish

Unusually Attractive — **Guaranteed Forever**

A standard pattern made by the American Silver Co., leading manufacturers since 1857. Guaranteed without time limit in family service. Any piece failing to give entire satisfaction will be replaced—gratis. This fine silver plated flatware offers exceptional value.

Prices Subject to Wholesale Discounts. See Page 2.

Tea Spoon
Actual Size

SPOONS:	Per Dozen
Tea	$5.80
Demitasse	5.80
Dessert Cereal or Oval Soup	11.70
Table or Serving	11.70
Soup, Round Bowl	11.70
Bouillon	11.70
Iced Tea or Iced Drink	10.20
FORKS	**Per Dozen**
Dinner	$11.70
Dessert "	11.70
Oyster or Cocktail "	10.20
Salad "	12.40
Entree, Long Handle	11.70
KNIVES:	**Per Dozen**
Dinner, Mirror Finish Hollow Handle Stainless	$38.20
Dessert, Mirror Finish Hollow Handle Stainless	$32.20
Entree, Mirror Finish Long Hollow Handle Stainless	28.20
Butter Spreaders	12.40

SERVING PIECES	Each
Berry Spoon	$2.90
Butter Knife	1.20
Cheese Server, Hollow Handle	2.20
Cold Meat Fork	2.20
Gravy Ladle	2.20
Pie Server, Hollow Handle Stainless	5.10
Sugar Spoon	1.20
Tomato Server	2.20

Steak Set, 2 Pieces, Stainless $16.20

GIFT CHEST COMBINATIONS

These sets are put up in a substantial chest with an attractive silver foil finish. Lined with red tarnish proof cloth. Illustrated at left.

26 Piece Set, Service for 6 ..... $36.50
Contents, 6 each Dinner Knives, Dinner Forks, Tea Spoons, Soup Spoons, 1 Butter Knife and 1 Sugar Spoon.

34 Piece Set, Service for 8 ..... $40.00
Contents, 8 each Dinner Knives, Dinner Forks, Tea Spoons, Soup Spoons, 1 Butter Knife, and 1 Sugar Spoon.

50 Piece Set, Service for 8 complete with chest DS5100 shown on page 184. $54.00
Contents 8 each Dinner Knives, Dinner Forks, Tea Spoons, Soup Spoons, Salad Forks, and Butter Spreaders, 1 Butter Knife, and 1 Sugar Spoon.

Announcing Our Biggest Line in 45 Years!

American Toy Works presents the largest and most attractive line of exclusive, popular priced sellers in its history.

©1935 SKIPPY Inc

SKIPPY

TRADE MARK

PAINT AND COLORING SETS

An entirely new line with outstanding innovations and values. SKIPPY, the famous comic strip character, seen by millions in hundreds of newspapers and in the movies and starred on the radio daily, is featured appealingly. See this new winner in Paint Sets!

A MILLION
FUNNY FACES
NEW
LUNCHEON SETS

NEW
EMBROIDERY SETS
NEW
KNITTING SPOOL SETS

Something New and Different In Copying Devices

SHADOW STENCIL CRAFT

Also Continuing Our Popular Lines Of

REG'LAR FELLERS PAINT SETS—EVERY DAY PLAY SETS
CREPE PAPER DOLL OUTFITS—TOY MONEY SETS
SURPRISE PACKAGES AND MANY OTHER SPECIALTIES

AMERICAN TOY WORKS

ROOM 409—FIFTH AVENUE BUILDING

Now Located In Our New and Larger Factory

41 EAST 11th STREET, NEW YORK

THE MAGIC BLACKBOARD

Fluffy, the Kitten

never tires telling her story—nor do children ever tire reading it. Cleverly designed toy—interestingly portrayed with color pictures—so that the correct missing word of each picture spells itself out when the correct piece is inserted in the central slot. Never fails. Mystifying—fun-provoking—educational!

No. 30

Series 1

This "Magic Blackboard" contains sixteen pieces so designed as to spell four-letter words. These words are the names of objects illustrated on the pieces or slides. The cover of the box is in four colors. Box size, 7⅝x11⅜x⅝ inches. Packed 6 dozen (banded in 3's) to carton. Shipping weight, 41 lbs.

NEW! MAGIC AUTOMATIC FISHING GAME

Turn the knob, pull the plunger, and POP—out goes a fish. The story of each fish is told on the inside of the box.

Also

THE WILD ANIMAL HUNT

and

PETER RABBIT'S BUNNY HUNT

Using the same fascinating action as the Magic Automatic Fishing Game. This series is the most attractively presented line of educational games of 1935.

MYSTIFYING — COLORFUL
FULL OF ACTION

ONLY 50¢ RETAIL

DO NOT FAIL TO SEE

AMERICA ON PARADE

A NEW HISTORICAL GAME INTERESTING INTRIGUING AUTOMATIC

MANUFACTURED BY
THE A. I. ROOT COMPANY
MEDINA, OHIO

THE RIPPON COMPANY

ROOM 321
200 FIFTH AVE. NEW YORK

CASTING MINNOWS

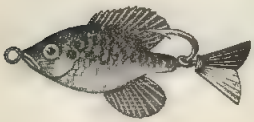
ARBOGAST

FLY ROD TIN LIZ

Made of Duraluminum; Extremely Light in Weight and Exceptionally Durable; Very Effective for Bass, Trout, Perch, Crappie, etc.

Nos.	Size	Weight per Dozen, ozs.	Per Dozen
FTL1	Small (For Brook Trout, Crappie, Etc.)	1	$7.70
FTL2	Medium (For Bass, Trout, Etc.)	1	7.70
FTL3	Large (For Bass)	1½	7.70

One Dozen in a Display Box



ARBOGAST

SUN FISH TIN LIZ BAIT

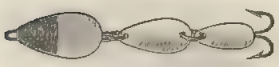
Weedless Model

Made Along the Same General Lines as the Standard Tin Liz; is Produced to Imitate a Baby Sun Fish; its Greater Surface Causes the Bait to Ride Higher in the Water, Therefore, Making it Excellent for Use in Shallow Water; Wobbles on its Side Like a Crippled Minnow; Weight Each, ¼ ounce; Natural Chub Finish; Finished in Celluloid Enamel.

Per Dozen

No. STL—Weight per Dozen, ½ lb.....$10.80

Half Dozen on a Display Card



GRUBE

PIGGY WIGGLER

A New Mechanical Pork Strip; Will Out Wiggle a Real Pork Ring; Hook is in Right Place to Eliminate Misses on Short Strikes; Hook Rides Up at All Times and there is No Spinner to Foul Bait; First Blade is Nickel Back and Enameled Red and White Front; Two Trailing Blades are Nickel Back and Enameled White Front.

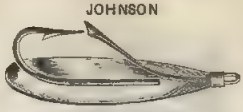
Per Dozen

No. GPW—Weight per Dozen, 1 lb.....$12.00

Twelfth Dozen in a Box

CASTING MINNOWS

JOHNSON



SILVER MINNOWS

Made Entirely of Metal; Wiggles Through the Water, Giving a Perfect Imitation of a Live Minnow; Weed Guard Enables this Bait to be Pulled Through the Thickest Weed, and is Such that it Will Not Interfere with the Hooking of the Fish, but will Keep it Hooked Should the Line Get Slack; Single Hollow Point Flatted Forged Hook.

Nos.	Finish	Wt. Each, oz.	Wt. per Doz., lb	Per Dozen	
JS1S	Silver	¼	⅜	$10.80	7.80
JS2S	Silver	½	⅞	13.00	9.00
JS3S	Silver	¾	1	16 00	10.80

Twelfth Dozen in a Box; One Dozen in a Carton

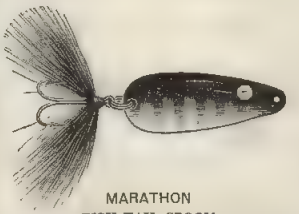
GREAT LAKES

FISH MASTER

A Metal Streamline Bait that has Proven a Sure Taker of All Game Fish; Tapered Head, which Lets Bait Pass Through the Water Very Easily; Head is Also Weighted, so that the Points of Hooks Ride Upright, Weedless; Pork Rind Retainer on Shank of Double Point Hook, Retainer so Placed that Pork Rind will not Foul Hooks at Any Time; Size 4/0 Hooks; Length Over All, 2½ inches.

Nos.	Color	Weight per Dozen, lb.	Per Dozen
FM2RH	Red Head, White Body	1	$13.00
FM2C	Chrome	1	13.00

Twelfth Dozen in a Box



MARATHON

FISH TAIL SPOON

One of the Most Deadly Lures Ever Designed. Added to the Effectiveness of the Spoon is Bucktail Hair, Recognized as the Best Fish Getter Obtainable. The Buck Hair is Applied in a Manner that Makes the Spoon Ride on its Edge, Thereby Giving it a Most Natural Lifelike Action. Pike Finish Spoons with Assorted Colored Buck Hair.

Nos.	Lgth. Spoon, Ins.	Size Hook	Wt. Per Doz., lbs.	Per Dozen
FT70	2⅛	2 Double	1¼	$9 60
FT80	2⅝	1/0 Treble	1¼	10 80

Twelfth Dozen on a Card;
One Dozen Assorted in a Box

CASTING SPOONS

CASTING SPOONS

A Deadly Killer for Bass, Pike, Pickerel and Other Game Fish; Made of Heavily Plated Metal, Finished in Attractive Enamel Colors; Nickel Plated Hooks.

Large Size; Length, 3⅝ inches; Weight Each, 1 oz.

Per Dozen

No. LLS2—Green and White Stripe with Nickel Back..... $3 00 3.60
No. LLS1 Black and White Stripe with Nickel Back..... 3 00 3 60
No. LLS0—Red and White Stripe with Nickel Back..... 3 00 3 60

Medium Size; Length, 2⅝ inches; Weight Each, ⅞ oz.

Per Dozen

No. MLS2—Green and White Stripe with Nickel Back..... $3 00 3.60
No. MLS1 Black and White Stripe with Nickel Back..... 3.00 3.60
No. MLS0 Red and White Stripe with Nickel Back..... 3.00 3.60

Small Size; Length, 2⅛ inches; Weight Each, ½ oz.

Per Dozen

No. SLS2 –Green and White Stripe with Nickel Back $3 00 3 60
No. SLS1—Black and White Stripe with Nickel Back..... 3.00 3.60
No. SLS0—Red and White Stripe with Nickel Back 3 00 3.60

Each Spoon Mounted on a Perforated Card
One Dozen in a Box

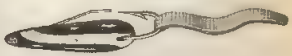
FLY ROD SPOONS

A Deadly Killer for All Game Fish; Nicely Finished in Attractive Enamel Colors; Size, 1 inch; Can be Handled Nicely with Fly Rod; Weight each, ¼ oz.

Per Dozen

No. TLS0— Red and White Stripe with Nickel Back..... $4.50 3 00
No. TLS1 — Black and White Stripe with Nickel Back..... 4 50 3.00
No. TLS3—All Nickle. 4 50 3 00

Each Spoon Mounted on a Perforated Card
One Dozen in a Box



ACCETTA WEED DODGER

A Weedless Casting Spoon Which has a Wiggling Wobbling Action Whether Used with or without Pork Rind; May be Cast Over Sunken Loggy Places and Along Brushy Streams Without Snagging, Resilient Rust-Proof Weed Guard Stands up Under Hard Usage and has Sufficient Play to Insure Hooking Fish; Equipped with No. 2, 0 Hooks.

Per Dozen

No. WDN —Hand Polished Nickel, Both Sides..... $8 00
No. WDR—Red and White Stripes with Nickel Back..... 8 00
No. WDB Black and White Stripes with Nickel Back..... 8 00

Twelfth Dozen in a Box
Weight per Dozen, 3½ lbs.

CASTING SPOONS

MARATHON

A Deadly Killer for Bass, Pike and Other Game Fish; Made of Brass; Heavily Plated and Finished with Four Coats of Enamel; Equipped with Trace and Barrel Swivel; Nickel Plated Treble Hooks.

Medium Size; Length, 2⅜ inches; Weight Each, ⅛ oz.

	Per Dozen
No. MMS0—Black and White Stripe with Nickel Back	$8.00 6.60
No. MMS1—Red and White Stripe with Nickel Back	8.00 6.60

Twelfth Dozen in a Box; One Dozen in a Carton

Small Size; Length, 2⅛ inches; Weight Each, ⅛ oz.

	Per Dozen
No. SMS0—Black and White Stripe with Nickel Back	$6.50 5.40
No. SMS1—Red and White Stripe with Nickel Back	6 50 5.40

Twelfth Dozen in a Box; One Dozen in a Carton

SPINNERS

HILDEBRANDT

HILDE-FLICKER SPINNERS

A New Style Combination Spinner; Plenty of Life-like and Disturbing Action in the Water; Composed of Rustless Hook and Swivel; Standard Pattern Spinner Attached Directly Behind Swivel; Slim Eli Pattern Spinner Attached Directly Behind Barb of Hook.

Nos.	Size of Standard Spoon	Size of Slim Eli Spoon	Per Dozen
1FL	1	0	$4.20 3.00
2FL	2	0	5.00 3.60
2½FL	2½	0	5.80 4.20

Twelfth Dozen on a Card; Covered with Cellophane; One Dozen Cards in a Box

CASTING SPOONS

SOUTH BEND

TRIX ORENO

New Item in Fly Rod Lures; When Cast Up or Down Running Streams or in Lakes and Allowed to Sink of Its Own Accord, Will Flutter Like a Living Bug Without Any Manipulation of the Fly Rod; Especially Good on Hot Sultry Summer Days When Fish Are in Deep Water; In Retrieving the Slightest Movement of the Rod Will Make This Bait Dip and Dive and Dart About; It Has a Life-Like Action of a Swimming Minnow; Especially Valuable for Cane Pole Fishermen; Very Effective with Strip of Pork Rind; Length, 1⅝ inches; Width, 1¼ inches; Each Bait Supplied with a Strip of Rubber Pork Rind.

Nos.	Size	Weight per Assortment, lb.	Per Assortment
394A	Bass	1	$11.00 7.80
394B	Trout	1	11.00 7.80
394C	Bass and Trout Ass't	1	11 00 7.80

One Assortment in a Box

We Do Not Break Assortments

SOUTH BEND

TRIX-ORENO

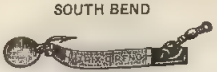
A Bass Bait which is Very Effective, Especially Good on Hot Sultry Summer Days when the Fish Are in Deep Water; in Retrieving, the Slightest Movement of the Rod Will Cause it to Dip, Dive and Dart About in a Very Life-like Manner; Single Hook, Size, 4/0; Length, 2¼ inches.

	Per Dozen
No. 595RH—Red Head, White Body; Weight per Dozen, ½ oz.	$14 40 10.20
No. 595CH—Highly Polished Silvery Chromium; Weight per Dozen, ½ oz.	14.40 10.20

Twelfth Dozen in a Box; Half Dozen in an Attractive Display Box

CASTING SPOONS

SOUTH BEND



TRIX-ORENO

Trout Sizes

Equipped with Spinner on Hook

A Fly Rod Lure; When Cast Up or Down Running Streams or in Lakes and Allowed to Sink of its Own Accord, Will Flutter Like a Living Bug Without Any Manipulation of the Fly Rod; Especially Good on Hot Summer Sultry Days When Fish Are in Deep Water; in Retrieving, the Slightest Movement of the Rod Will Make this Bait Dip, Dive and Dart About; It Has a Life-Like Action of a Swimming Minnow; Especially Valuable for Cane Pole Fishermen.

Nos.	Color	Per Dozen
593RH	Red Head, White Body	$11.00 7.80
593Y	Red Head Yellow Body	11.00 7.80
593PL	Lustrous Iridescent Pearl	11.00 7.80
593CH	Silver Chromium	11.00 7.80
593B	White Head, Black Body	11.00 7.80

Twelfth Dozen on a Glassine Covered Card

SOUTH BEND

TRIX-ORENO

Bass Sizes

Equipped with Rubber Pork Rind Strip

A Fly Rod Lure; When Cast Up or Down Running Streams or in Lakes and Allowed to Sink of its Own Accord, Will Flutter Like a Living Bug Without Any Manipulation of the Fly Rod; Especially Good on Hot Summer Sultry Days When Fish Are in Deep Water; in Retrieving, the Slightest Movement of the Rod Will Make this Bait Dip, Dive and Dart About; It Has a Life-Like Action of a Swimming Minnow; Especially Valuable for Cane Pole Fishermen.

Nos.	Color	Per Dozen
594PL	Lustrous Iridescent Pearl	$11.00 7.80
594RH	Red Head, White Body	11.00 7.80
594CH	Highly Polished Silvery Chromium	11.00 7.80
594Y	Red Head, Yellow Body	11.00 7.80
594B	White Head, Black Body	11.00 7.80

Weight per Dozen, ¾ oz.
Twelfth Dozen on a Glassine Card

MARATHON

DIZIMINO ASSORTMENTS

A Flashing, Darting, Wiggling Minnow, at a Popular Price; Can Be Used with Bait or Fly Rod; Assortment Consists of 6 Minnows, Assorted: Two Each of 1-inch, 1½-inch and 2-inch; The Finish is Gold and Silver with Red And White Reverse Sides.

Per Assortment

No. 3567—Weight per Assortment, 6 ozs. $2.50

One Assortment in a Box

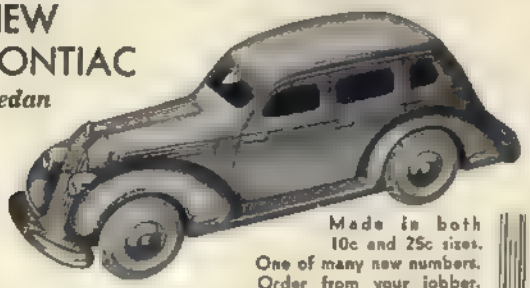
"APEX" DART GAMES

These games belong in every toy, adult game and sporting goods department. They have proven themselves consistent, year 'round sellers with an instant appeal to all ages from 7 to 70. 12 new popular price numbers.

New Catalog—New Prices

APEX MFG. CO.
136 W. ELM STREET
Norristown, Pa.

● NEW PONTIAC
Sedan



Made in both 10c and 25c sizes.
One of many new numbers.
Order from your jobber.

Visit our display Booth No. 71 at National Premium Exposition, Palmer House, Chicago, May 8th to 10th inclusive.

ARCADE MFG. CO.
FREEPORT, ILL.

ARCADE CAST IRON TOYS

What Borgfeldt Recommends Usually Makes Friends

BYE-LO BABY
"MICROSET"
MICKEY MOUSE
MINNIE MOUSE
AND MANY OTHERS

GEO. BORGFELDT CORPORATION
44-60 East 23rd Street, New York City

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BINGO
CHESS
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CARD GAMES
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BRADLEY
GAMES

See the New Editions of
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for the Home

The new and popular
$1 · SWEEPSTAKES · $2.50
—the great horse race game

MILTON BRADLEY CO.
SPRINGFIELD, MASS.
200 FIFTH AVENUE, NEW YORK

The Value of a Stock Control Plan

NOW THAT THE NEW YEAR has gotten under way it would be a good plan for those stores that have no way of ascertaining the exact amount of the various types of playthings they sell each month to adopt some method of stock control. Almost every toy dealer knows the amount in dollars and cents of the toys sold each month, but it would be surprising to know of the large number of dealers who have no definite check on the individual items that make up the monthly sales volume. Far too many toy dealers have no accurate knowledge of how certain items are selling; and for that reason it is suggested that those dealers adopt some method of controlling their stocks.

A well regulated stock control plan will prove valuable to any toy dealer. Through carefully kept records it is possible to maintain an accurate check on the sales of all the toy items that are carried. A stock control plan enables a dealer to know when and what to buy; and the merchandise that must be marked down in order to stimulate sales. It also aids in increasing sales by doing away with lost sales caused by insufficient stock to fill orders. By using a stock control plan dealers are in a position to keep a constant check showing how every individual item is selling. Such a record is valuable in that it makes it possible for dealers to buy with a knowledge of how the merchandise will sell; rather than blindly as is the case when no stock record is kept.

A stock control plan does not necessarily have to include some fancy figuring or be complicated in its operation. It does not have to involve any special setups with red ink systems or special form sheets. All that is required is some good common sense and a plain lead pencil. While all members of the store or toy department should have an active part in its operation, it is up to the buyer, dealer or some specially designated person to see that it is kept properly.

The first consideration should be given to the source of supply and its relationship to the selling floor. The source of supply may be a stock room located in the basement, upstairs, in a warehouse, or in the case of some dealers it might be the jobber or manufacturer. Care should be exercised in ascertaining the amount of merchandise sold in a specific period, and the amount of time it takes to replenish the stock from the warehouse, jobber or manufacturer. If a store knows from day to day exactly the number of pieces of a certain toy item that remains on the floor there should never be any reason on the store's part for being short of stock.

Small toys in a stock control include dolls, games, preschool toys, stuffed toys and such merchandise that is com-

(*Continued on page* 200)

EXPERT STUFFED ANIMALS

During The Toy Fair
HOTEL McALPIN
ROOM 968
I. Glantz—Emanuel Glantz
Representing

and

TEDDY BEARS

Made of long and short pile plush in all styles.
Suitable for every class of trade.
Some real surprises will be shown for the first time at the Toy Fair.

EXPERT DOLL & TOY CO.

56 West 22nd Street
New York City

Telephone GRamercy 5-2841

P. & M. DOLL CO., Inc.

Factory:
152 Wooster Street New York City
S. PAGANELLO, President

We are now located in our new salesrooms in the heart of the toy center at

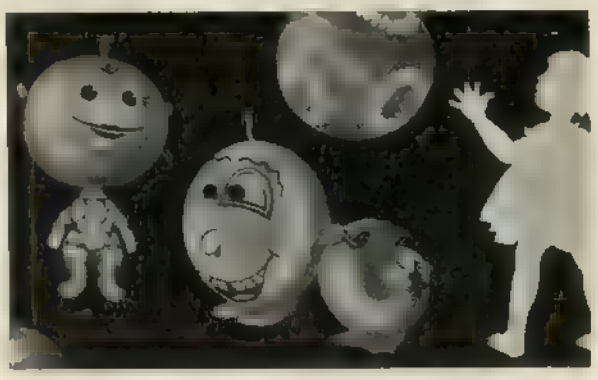
1107 BROADWAY
CORNER 24th STREET

Room 406 Telephone CHelsea 3-8414

Our line of composition, stuffed, dressed and Baby Dolls are ready for your inspection.

Call To See Us During The Toy Fair

Frank V. Droesch Hugo Guth
In Charge of Sales



NEW IDEAS by BARR

- "Dizzy" Dean rubber baseballs and balloons.
- A new series of miniature face balloons, varied in shape and design priced extremely low.
- Cat, Rabbit, Mule, and Mouse double toss-ups, all with inflatable ears (also available as single faces).
- Amusing double toss-ups and faces with inflatable noses.
- Miniature reproductions in rubber of a popular line of automobiles.

This new merchandise, backed by *BARR* standards of quality, will lead the way to greater business for you. May we send samples and detailed information?

See *NEW IDEAS by BARR* at the TOY FAIR—Room 447, Fifth Avenue Building—Mr. William J. Canary in charge.

WORLD'S LARGEST MANUFACTURER OF TOY BALLOONS
The BARR RUBBER PRODUCTS CO. SANDUSKY OHIO

SELLEY INTRODUCES A
REVOLUTIONARY IDEA IN
SIMPLIFIED MODEL AIRPLANE CONSTRUCTION

DON'T BUY ANY FLYING MODEL KITS UNTIL YOU SEE

SELLEY-TEX CONSTRUCTION SETS

PAT. APP. FOR

A NEW PROFITABLE REPEAT-SALES BUILDER!

SELLEY-TEX is a MOULDED FABRIC much lighter and stronger than Balsa Wood. All the most difficult parts of the model planes now come perfectly moulded and are so simple to join that the AVERAGE BOY can easily build and actually fly them. SELLEY-TEX is the MODERN METHOD OF MODEL BUILDING. CASH IN on the opportune REPEAT-SALES CREATOR. Send today for complete information, dealer propaganda and discounts.

Dealers, Jobbers, Distributors and Sales Representatives write for territory.

YOU MUST SEE THIS VALUE TO APPRECIATE IT!
At the TOY FAIR, Room 444, McAlpin
Selley Mfg. Co., 1377 Gates Avenue, Brooklyn, N. Y.

The Rich Mfg. Co. Factory in Clinton, Iowa

RICH OPENS NEW FACTORY

The Rich Mfg. Co who recently moved to the Iowa Furniture factory building at Clinton, Iowa, are now settled in their new plant and are already in full production They have brought out many new games and pull toys and a remarkable line of doll houses including the Model-Farm-Set and Historical Mount Vernon. The complete line is on display in their showroom in the Fifth Avenue Building.

SUPERIOR TYPE CO. INTRODUCES A "BUCK ROGERS" SET

The Superior Type Company, Chicago, makers of "Stamperkraft" rubber stamp printing sets, announce the addition of new 50c and $1.00 numbers, utilizing therein the popular comic strip characters from "Buck Rogers in the 25th Century." Children can use these plaything sets in stamping their own scenes of action, or they may stamp individual pictures of Buck, Buddie, Wilma, space ships, etc., and then color them and cut them out. Unmistakable popularity of the Buck Rogers cartoon strip is evident in that the interest in it is growing enormously, supported as this interest is by radio programs listned to by hundreds of thousands of children from coast to coast. These new Buck Rogers Picture Printing Sets are Superior's answer to the current demand for Buck Rogers toys of all sorts.

MRS. CARL H. DIETZE, SR. PASSES AWAY

The sympathy of the trade is extended to Carl H. Dietze, Sr., and family on the death of Mrs. Dietze who passed away on March 22nd at South Orange, New Jersey, following a long illness. Mrs. Dietze is survived by her husband and two sons, Carl H. Dietze, Jr., and Leonard R. Dietze, who are active in the management of the Kirchhof Patent Company of Newark, New Jersey.

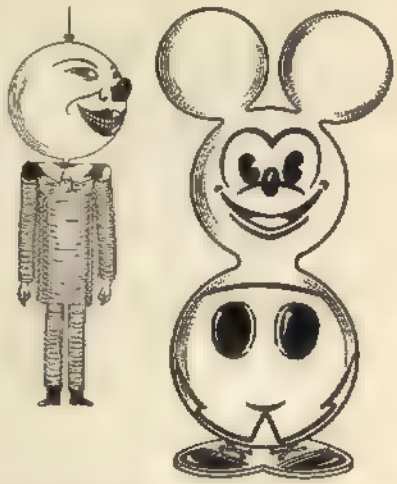
CLEVER NEW ARCADE TOYS

The Arcade Mfg. Co. are featuring their No. 567 Lawn Mower which is solidly and substantially made with steel metal parts and wooden handle and roller. The length of this lawn mower is 26½ inches, with a width of 7¼ inches, and with wheels 3 inches high. Colors are yellow wheels with red tread and red center discs. The reel blades are yellow, the frame green, the handle brace green and the handle yellow, with a red T-grip. A notched gear on the axle contacts a steel spring inside the wheel thus causing a clicking sound exactly like that made by a real

lawn mower in operation. Another Arcade toy is the new miniature cast iron Pontiac sedan which is one of the many new models introduced this year. This sedan is made in two sizes, retailing at 10c and 25c. The lawn mower is a 25c retail item

A NEW ROOT PRE-SCHOOL TOY

One of the new numbers in The A. I. Root Co. line is the Children's Mechanical Set, in which all parts are made of wood. Various designs can be laid out on a board with colored parts, of which a great many are furnished. They are fastened to the board by large wooden nuts and bolts, which in turn are manipulated by a wooden wrench.



MICKEY MOUSE TOSS-UP BALLOON

A large Mickey Mouse "toss-up balloon is now being made by the Oak Rubber Company, Ravenna, Ohio, exclusive manufacturers of Mickey Mouse toy balloons under license from Walt Disney. Body, head and ears all inflate in this balloon, which stands 30 inches high. It is supplied with "feet" of heavy cardboard. Tossed about, it always lands on its feet. This item is sold in individual envelopes, colorfully decorated, and with cellophane windows. Oak also announces another new balloon under the name of Dancing Clown. This consists of a balloon head, and body, arms and legs of accordion crepe paper. It is made to dance amusingly by manipulating a string tied to the top of the head. Each Dancing Clown is packed in a plain glassine envelope.

HANSEN JOINS GILMAN MFG. CO.

Harry A. Hansen, who is widely known in the toy industry, is now associated with the Gilman Mfg. Co., of Gilman, Wis., who have brought out a very complete line of preschool toys, juvenile furniture, games, etc., designed under the supervision of Mr. Hansen. A complete display is being made in Room 438 at the Hotel McAlpin, where "Harry" will be glad to meet his many friends.

LOU BINKOWITZ RETURNS FROM ARIZONA

The many friends of Lou Binkowitz of Nic Projector Corp., New York City, will be pleased to learn that this well known toy man has returned to New York City after a protracted stay at Tucson, Arizona. Lou makes it a practice to turn Dude Cowboy for a few weeks each year and gets a great kick cantering over the cactus covered meza of the great Southwest. Incidentally, Lou is an accomplished equestrian. He is looking forward to meeting his many friends at the Fifth Avenue Building showrooms of the Nic Projector Corp. during the Toy Fair.

Banjo Clocks

Spring Wind and Electric

Banjo Clock. Molded composition case, bird design in assorted color finishes. Gold, green and rose. Height 16¼ inches, width 5½ inches. Fitted with 30-hour movement fully guaranteed.

No. 62W59. Each .95

Artcraft Banjo Clock. Molded composition case with conventional border and flower basket design. Finished in green lacquer and trimmed with red and gold, 30-hour movement fully guaranteed, with green dial to match case. Height 19 inches, width 6¾ inches

No. 62W60. Each..... 1.50

Gilbert Banjo Clock. Green pearl finish, 40-hour lever movement, time only. 5½-inch sash with silvered dial, polished brass side ralls, sash, and eagle, length 23½ inches.

No. 62W61. Each..... 2.33

Electric Clock same as above with synchronous type manual starting motor.

No. 62W62. Each..... 2.95

New Haven Whitney Eight Day Banjo Clock. Mahogany finish case, 6-inch silver dial, attractive side ornaments and eagle, eight day pendulum movement, two-tone duo rod strike, height 30½ inches, width 9½ inches.

No. 62W65. Each.... 9.92

New Haven Whitney Electric Strike Clock, same as above, with synchronous type manual starting motor.

No. 62W66. Each.... 9.92

New Haven Banjo No. 2 Eight Day Clock. Mahogany finish case, polished brass sash with side ornaments and eagle to match, eight day lever time movement, 6-inch metal dial, glass panel with marine view in colors, length 24½ inches, width 7⅜ inches.

No. 62W63. Eight day time. Each 4.78

New Haven Banjo No. 2 Electric Clock, same as above, with synchronous type manual starting motor.

No. 62W64. Each..... 5.48

Handsome Electric Percolator Sets

Featuring Chromium Plate China and Glass

Chromium Electric Percolator Set, with cord and plug. 9-cup capacity urn, bakelite handles and trimmings, cold water pumps. Height over all 14¼ inches, sugar height 4¾ inches, creamer height 5½ inches, tray 19x12 inches with bakelite handles.
No. 50G35. Per set..... 11.75

Artcraft 4-Piece Electric Urn Set. Urn, Sugar, and Creamer are genuine Hall hand-painted, decorated china, Indian Tree design. Trimmings are in bright chromium. Safety fuse and shut-off on electric unit. Hall china is unaffected by intense heat—won't crack, chip or check. Urn is 9-cup capacity, instantaneous type. Large tray, 12¼x19 inches, satin center and finished in chromium.
No. 19G33. Per set..... 8.75

Handsome Percolator Set. Massive in design and has the appearance of a much higher priced outfit. Beautifully finished in Chromium plate. Percolator has the attractive style drop handles and is 9-cup capacity. Champion cold water unit. Safety fuse. Large size Sugar and Creamer to match. Oval tray is 17 inches long. Heating element guaranteed for one year. Complete with cord and plug. Approved by Board of Fire Underwriters.
No. 7G17. Per set..... 7.00

Visulator Glass Coffee Set. (Electric model.) The 5-cup coffee maker, Sugar and Creamer are gracefully designed in heat resisting glass. Bakelite tray 18¼x9¾ inches. Chromium plated stove with cased heating unit. Makes coffee without the metallic taste.
No. 19G30. Per set..... 6.50

Automobile Clocks

Compensated for Temperature Changes

NON-GLARE MIRROR CLOCK

Ascot. A popular model for installation on dash or over the windshield, with 30-hour movement, two-tone silvered dial, chromium case and unbreakable crystal. Size, 2¾ inches square. Plain dial.

No. 25W36. Each.. 1.35

Combination Auto Clock and non-glare gun metal plate glass mirror, 30-hour movement, stem wind and set. Black and silvered dial and radium hands, unbreakable crystal. Size, 2½x7 inches. A driver's delight.

No. 25W37. Each..... 1.25

Jerome. 8-day model for installation on the dash or over the windshield. Finished in French bronze, with radium hands, silvered and black dial. Accurate, two main spring movement, stem wind and set. Size, 2½ inches in diameter.

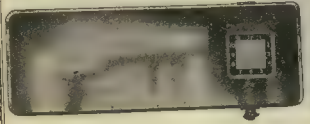
No. 25W38. Each.. 5.25

Mirror Clocks—*A Remarkable Convenience*

A revolutionary change in winding methods that eliminates the bothersome winding stem and simplifies a tedious job. A few pulls on the small cable complete the winding operation.

The movement is the same dependable timepiece, compensated for temperature changes and built to withstand the vibrations of motoring. Radium hands.

All mirrors are made from the Finest Plate Non-Glare Gun Metal Glass.



A Pull Wind Mirror Clock with 30-hour movement, radium hands, black and silvered dial. First quality plate glass, beveled edges. Non-glare gunmetal, plate glass mirror. Size, 2½x7 inches.

No. 25W39. Each..... 1.75

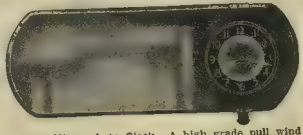
A FEW PULLS ON THE CABLE AND THE CLOCK IS WOUND

A Pull Wind Mirror Clock combination with 30-hour movement, radium hands, bronze dial back-set, and beveled, non-glare gunmetal, plate glass mirror. Size, 2½x7 inches.

No. 25W40. Each..... 2.00

A Modern Jump Hour, Pull Wind Mirror Clock combination with 30-hour movement, back-set, and beveled, non-glare gunmetal, plate glass mirror. Size, 2½x7 inches.

No. 25W41. Each..... 2.50



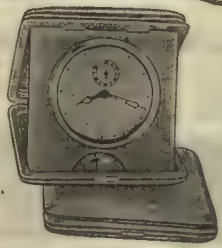
8-Day Mirror Auto Clock. A high grade pull wind movement with two-tone silvered and black dial, radium hands. Selected plate glass, beveled edge non-glare gunmetal mirror. Size, 2½x7 inches.

No. 25W42. Each..... 6.00

Handy Type, Desk or Traveler's Clocks

Attractively designed Desk or Traveler's Clock. A wide range of leather cases to select from, in such colors as blue, brown, green, lilac and tan. Reliable 30-hour movement. Fancy pearly inlaid dial with easily read figures. When folded is very compact.

No. 25W10. Each..... 2.95

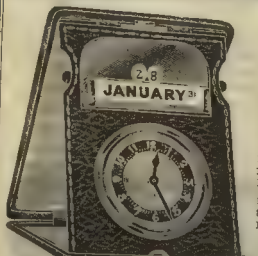


Here is an American Made Folding Clock that at the price we quote, is way below its actual value. This price is good only while our stock lasts. 7 jewel Standard movement, lever escapement, white enamel dial with black arabic figures. Fitted in a white Spartan quality folding case. Fancy straight line design, dark bakeveled gold lined interior. A dependable guaranteed timepiece.

No. 25W20. Each..... 2.95

Ideal Gifts for Presentation Purposes

Compare These for Superior Values



Traveling or Desk Clock. Fine quality, 6 jewel movement, with lever escapement. Silver, gold and white enameled dials with radium figures and hands. Very dependable time keeper. Fitted in seal-grain leather folding case in assorted colors, black, blue, violet and brown.

No. 25W2.
1 day movement.
Each 5.25

No. 25W3.
8 day movement.
Each 7.25

Travelers or Desk Clock with Calendar Attachment. Fitted with 30-hour reliable movement, fancy pearly inlaid dial. High grade folding case in assorted colored leathers of black, dark green, brown and alligator grain.

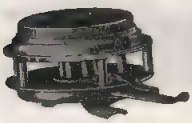
No. 25W15. Each 5.75

Elgin Desk or Traveling Clock. Eight day 7 jewel Elgin movement with luminous hands and dots. Fine genuine leather case in the following colors: black, blue, green, or purple.

No. 25W20. Each..... 13.75

AUTOMATIC.

MARTIN.



Made of aluminum, very light weight, about 8 ounces. Operated by the little finger, one hand controlling both rod and reel.

No. 1M without lock brake, Nos. 2M and 3M with lock brake.

All numbers listed fitted with line protectors.

	Each
No. S-1M—Reels; Creek Whipper; 25 yards capacity	$6.60
No. S-2M—Reels; Fly Casting; 25 yards capacity	7.30
No. S-3M—Reels; Bass Casting; 50 yards capacity	8.00

FLY-WATE.

New Martin Fly-Wate is lighter than any other automatic on the market (6 ounces), yet it is exceptionally strong and sturdy.

Made of Duraluminum, a light, strong metal.

The reel is fitted with a large, hardened steel, reversible line guide made the full size of the opening for the line. The new spring tension throw-off is made practically flush with the side of the reel.

	Each
No. S-27—Reels; capacity, 90 feet of G line	$10.00

MEISSELBACH.

Constructed of a special metal, light as aluminum, strong as steel and rust-proof. Winding mechanism is completely enclosed.

	Each
No. S-660—Reels; capacity, 50 yards of F line; weight, 10 ozs.	$4.80

SUPEREX.

Made of extra strong, light weight metal; main spring release device, brake release makes a free spool reel, Tungsten steel swinging loop line guide; oiling device avoids taking reel apart; friction relief allows line to play out when spring is fully wound. Satin gun metal finish.

	Each
No. S-775—Reels; capacity, 33⅓ yards	$7.00

PERRINE.

Brake-Free Pay Out.

Fly casting without the constant brake lever manipulation as the line is payed out, yet with the spring ever ready to wind the line in by a slight pressure of the finger upon a rubber tipped lever you always have a free spool for paying out the line with or without spring tension.

	Each
No. S-30—Reels; capacity, 35 yards No. G line	$8.60
No. S-50—Reels; capacity, 50 yards No. G line	10.00

ORENO.

Automatic fly rod reel with improved features. The rod clip is so positioned that the reel is attached to the rod in the approved way of single action trout reels.

The brake automatically releases the tension so that only a delicate light torsion of the spring tensions the leader. A narrow main spring makes the reel more compact, increases its winding capacity and reduces its weight. Finished in a buffed aluminum alloy. Line guides are chromium plated.

	Each
No. S-1130—Reels; diameter of spool, 2⅞ inches; width of spool ⅝ inches; capacity, 50 yards G line; weight, 8½ ozs.	$10.00

REEL OIL.

Most fishing reels are returned to the manufacturer for repairs because fishermen do not properly oil them. The average bait caster either does not oil his reel at all or he goes to the other extreme and pours a lot of ordinary machine oil into the gears, transverse screw and journals which gums up the working parts and grinds the sand and dirt further into the bearings.

Bronson reel oil cleans, protects and lubricates any fishing reel. Will not ruin or gum the working parts.

	Per Dozen
No. S-180—Reel Oil	$3.60

GOGGLES

AVIATOR TYPE

Wide Vision Goggles

Has Celluloid Flexible Hinge Frame, Edged with Rayon Chenille; Ventilated Sides; ⅜-inch Black Elastic Braid Head-band, with Two Adjusting Slides; Excellent for Sun, Wind and Dust Protection for Bicycle Riders, Golfers, Auto Drivers, Tennis Players and All Outdoor Sports; for Harvest Hands; Most Popular with Children; Two Colors and Clear; Celluloid Lenses.

Nos.	Color Lenses	Weight per Dozen, lb.	Per Dozen
1934CY	Clear	⅓	$1.40
1934AY	Amber	⅓	1.40
1934AG	Green	⅓	1.40

Two Dozen in a Box, with Display Card

Leather

Extra Large Cups, with Round Flat Lenses; Grain Leather Mask Lined with Corduroy; Ventilated Cups; Clear Lenses, 1¾ inches in Diameter.

Per Dozen

No. 120G—Weight per Dozen, ⅞ lb.... $1 00

One Dozen in a Box

Leather

Extra Large Cups; Round Flat Lenses; Imitation Leather Mask, Unlined; Clear Pyralin Lenses, 1¾ inches in Diameter.

Per Dozen

No. 100G—Weight per Dozen, ⅛ lb.... $2 40

One Dozen in a Box

Industrieele

The Construction of Bridge and Shields Makes for Absolute Protection from Temple to Temple; the Shields are not Wire Gauze, but Perforated Metal—No Heavier, but Stronger and Much More Sanitary; Shield and Frame is of Sheet Nickel; Silver Metal; the Hinged Shields Fold Easily; the Bridge Protects the Eyes at the Nose; Adjustable Elastic Straps; Rims are Sheet Metal, and the Lens Fits into the Groove; with Resistal Lens.

Per Dozen

No. 28—Weight per Dozen, 2 lbs.... $40.00

Twelfth Dozen in a Box

GOGGLES

Welders

Specially Designed to Protect the Eyes When Welding; Black Fiberoid Frame and Protector Will Always Remain Cool; Elastic Head Band; Specially Prepared Smoke Glasses.

Per Dozen

No. W67—Weight per Dozen, 2½ lbs.... $46 00

Twelfth Dozen in a Box

Welders — Fiber Frame Goggles

These Goggles are Efficient and Durable; Well Ventilated, Light and comfortable; The Fiber Frame Does Not Conduct Heat, is Very Tough and Unbreakable, Scientific Lenses, Absorb Injurious Rays without Obscuring the Vision; Lenses are Protected with Clear Cover Glasses; Medium Brown Lenses.

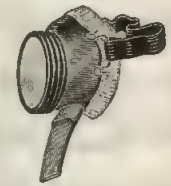
Per Dozen

No. 12B—Weight per Dozen, 3 lbs.... $48.00

Twelfth Dozen in a Box

DUST AND SPRAY MASKS

CESCO



An Absolute Necessity in Dusty Work and Spraying; Protects the Nose, Mouth, Throat and Lungs; Fits Anybody; Does Not Interfere with Vision; Can be Worn with Spectacles or Safety Goggles.

For Protection Against Fine Spray Particles when Spraying Automobiles, Furniture, etc.; Also for Spraying Paint and Wash Color.

For Grinding, Packing, Mixing, and Handling Any Dusty Material at Inside or Outside Work.

For Threshing, Milling, Grinding, Handling Dusty Crops, Fertilizing, Cleaning Buildings, and For All Dusty Work About the Farm.

One Half Dozen Extra Wool Felt Filters with Each Respirator.

Each

No. 80—Weight Each, 7 ozs.... $2 80

One in a Box

EXTRA FILTERS

Extra Wool Felt Filters for Cesco, No. 80 Dust and Spray Masks.

Per 100

No. WF80—Weight per 100, 4 ozs.... $3 20

One Hundred in a Box

SIREN WARNING SIGNALS

STERLING

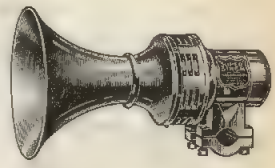
6-Volt

The Ideal Traffic Signal; it is Used on Nine Percent of the Emergency Vehicles Throughout the World; its High Speed Ball Bearing Motor, Enclosed in a Dust-Proof Housing, is of the Highest Efficiency and is Neither a Severe Strain on the Battery nor a Motor which Requires Constant Attention; The Rotar is Five inches in Diameter, Dynamically Balanced, and Because of its Design Produces a Greater Volume of Tone than Larger Rotars in Other Types of Sirens; Pedestal-Bar, Dash-Bracket, All Brass, Nickel Plated; Equipped with Cable and Switch; Diameter Over All, 9½x14 inches; for 6-Volt Battery; Complete with Long Projector and Pedestal Bracket.

Each

✣No. 12—Weight Each, 11 lbs.... $70 00

One in a Box



PERSONS

SUPER-SIREN

6-Volt

Diameter of Drum, 5⅞ inches; Diameter of Long Projector, 8⅞ inches; Length Over-all, 14 inches; Double Ball Bearings, Motor Armature, Laminated, Drum-Wound, Impregnated and Baked; Motor-Cover and Projector, Brass and Chromium Plated; Turbine, Machined Aluminum, with Triple Apertures Milled with Saw Teeth, Producing Far-Carrying Sound; Workmanship, Material and Finish of the Highest Possible Grade; Equipped with Bracket and Long, Armored Cables; for 6-Volt Battery.

Each

✣No. 6SS—Weight Each, 10½ lbs.... $57 00

One in a Box

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory.
No. 12 from Rochester, N. Y., No. 6SS from Worcester, Mass.

SIREN WARNING SIGNALS

PERSONS

SIROLECTIC HORN

Makes a Sound Like a Siren—Drives from Your 6-Volt Car Battery.

The Air-Turbine is Four inches in Diameter, has Eight Blades and Turns Over at 7200 R. P. M.

For Use in the Country—on Police Cars or Ambulances Where Laws will Permit Their Use.

Attachment is Made in a Few Minutes by the Use of Wrench and Screwdriver. A Collar with Neat Push Button Clamps Around the Steering Post Just Below the Wheel.

Old Horn Remains as Before, for City Use.

The Sirolectic is Out of Sight—Bracket is Furnished for Attaching to Motor of Car.

The Motor is Built with Self-Aligning, Tobin Bronze Bearings, and Requires No Oiling.

Each

No. PMS—Weight Each, 4 lbs.....$19.50
One in a Box

AUTOMOBILE HORNS

HEINZE

Built in Matched Sets for Inside Mounting, or in Single Units; Tuned to Give a Loud, Penetrating Noise; High-Frequency Horns, with Bullet-Shaped Shell; Finished in Polished Chromium; Brackets Furnished for Mounting on 1933-34 Cars or on Cross Rods; Horns Approximately 9¼ inches Long and 5 inches High.

Pairs

Per Pair

No. 45—Weight per Pair, 7½ lbs.....$16.50
One Pair in a Carton

Single

Each

No. 44—Weight Each, 4 lbs.....$8.40
One in a Carton

AUTOMOBILE HORNS

AMES ARISTOCRAT

High Frequency Type

6-Volt

An Attractive Warning Signal; Well Made; Has Brass Face, Chromium Plated; 5¼ inches in Diameter; Has Loud, Penetrating Tone; Complete with Bracket for Mounting on Crossbar Between Headlights.

Each

No. 16HA—Weight Each, 2½ lbs.....$2.20
One in a Box; Twenty-four in a Carton

HORN PUSH BUTTONS

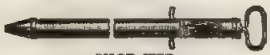
Button Can be Placed in the Most Accessible Location for Convenient Operation, the Slightest Pressure Closing the Contact Even Though You Do Not Press Dead Center; Black Finish.

Per Dozen

No. 2—Weight per Dozen, 2 lbs.....$1.25
Twelfth Dozen in a Box

COMBINATION OIL AND GREASE GUNS

ROSE



SHOP SIZE

Each

No. RS — Diameter, 1½ inches; Length Over All, 24½ inches; Weight Each, 3 lbs.....$4.20
One in a Carton

LUBRICATING GUNS

ALEMITE-ZERK

AUTOMATIC COMPRESSOR
For Grease or Oil

Each

No. Z8A—Length Over All, 15½ inches; To Fill, Remove the Handle; Capacity, 9 ounces; Weight Each, 2 lbs. ..$11.50 7.50
Loose

AUTOMATIC COMPRESSOR
Garage Type for Grease or Oil

Each

No. Z8G—Length Over All, 15½ inches; Capacity, 9 ounces; With Filler Type Handle; Weight Each, 2 lbs.....$16.20 10.50
Loose

AUTOMATIC COMPRESSOR
For Grease or Oil

Each

No. Z8B—Length Over All, 14½ inches; Capacity, 5 ounces; To Fill, Remove Handle; Weight Each, 1½ lbs...$9.30 6.00
Loose

LUBRICATING GUNS

ALEMITE

REGULAR COMPRESSOR

Each

No. C600—2x8 inches Over All; Capacity, ½ lb.; Weight Each, 1½ lbs.....$4.60 3.00
Loose

MEDIUM COMPRESSOR

Each

No. C700—2¼x9 inches Over All; Capacity, ¾ lb.; Weight Each, 1¾ lbs.$7.00 4.50
Loose

REGULAR SIZE COMPRESSOR
With Check Valve

This is Called a Check Valve Compressor and has a Check Valve in the Coupling Making it Impossible to Force Lubricant Out of the Gun Unless it is Actually Hooked on to the Fitting. Pressure Can be Built Up in the Gun Before the Coupling is Hooked onto the Fitting; When the Hook-on is Made the Pressure is Released and the Bearing is Lubricated Without Any Further Turning of the Handle. This Gun is for Use Only with Readily Accessable Fittings.

Each

No. C1060—2x9½ inches Over All; Approximate Capacity, ½ lb.; Weight Each, 1½ lbs.....$6.00 4.25
Loose

LARGE COMPRESSOR

Each

No. 1080 — 2⅛x10¼ inches Over All; Capacity, 14 ounces; Weight Each, 2½ lbs.....$10.80 7.00
Loose

SMALL COMPRESSOR
With Spiral Check Valve

Each

No. C1042 — 1¾x9½ inches Over All; Capacity, 4 ounces; Weight Each, 1½ lbs.....$4.60 3.00
Loose

TWIST COMPRESSOR
For Oil Only

Each

No. CB102 — 2x6¼ inches Over All; Capacity, 5 ounces; Weight Each, 1 lb.....$5.40 3.50
Loose

A. Fontaine (Paris) Clarinets Flutes Piccolos

Can't Check! Can't Crack! A Life-Time of Service!

Here is the Metal Clarinet, developed to its highest point of tonal and mechanical excellence. In addition to the practical advantages of the almost indestructible metal construction, you find here also a richness of tone and an accuracy of intonation that stamp these clarinets as fit for exacting professional use. Fontaine Clarinets are built in standard Albert and Boehm systems. The bodies are hard, toughened nickel-silver, polished finish. The keys are also nickel-silver forged and polished. Fontaine Clarinets have always been famous for their dependable action, and these new Metal Clarinets continue the Fontaine standard of faultless workmanship. These clarinets are offered in either plain polished or in quadruple silver plate and burnished key work. The price of each instrument includes a de luxe case.

Clarinets

Albert System—15 keys—4 rings.

No. 3A125. Key of B♭ Polished Nickel-Silver. Each.. **16.20**

Boehm System—17 keys—6 rings.

No. 3A127. Key of B♭ Polished Nickel-Silver. Each.. **21.60**

No. 3A47. Key of B♭ Silver Plated. Each..... **23.40**

Flutes

Compare them with other good makes for richness, volume and responsiveness of tone—for accuracy of pitch and intonation—for make, finish and mechanical action—we'll gladly abide by your decision. These flutes are all made in standard Boehm system with closed keys and closed G♯ key. Built in low pitch (A-440) only, key of C (known as D).

A. Fontaine polished nicked plated Boehm system flute. A marvel of value. Splendid tone and sturdy construction, all at a record low price. Complete in seal grain keratol covered, velvet lined case.

No. 3A48. Each..... **48.20**

Piccolos

Finest quality professional instruments of unexcelled tonal and structural quality. They are made of polished nickel-silver in standard Boehm system, with covered finger holes, closed G♯ model. In Low Pitch (A-440) only. Complete in case.

No. 3A49. Key of C (D) for orchestra. Each... ... **39.00**

No. 3A50. Key of D♭ (E♭) for band. Each **39.00**

A. Fontaine Ebonite Clarinets

Albert System, 15 keys, 4 rings.

No. 3A129. B♭ Ebonite, no case. Each.. **16.20**

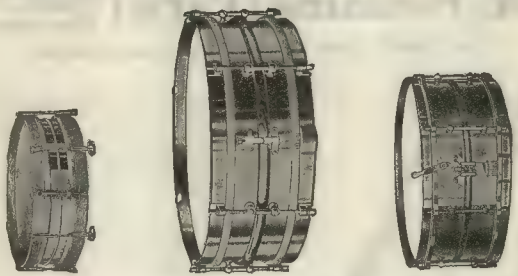
Boehm System, 17 keys, 6 rings

No. 3A133. B♭ Ebonite, no case. Each.. **27.00**

Cases for above Ebonite Clarinets extra—

No. 3A51. Each..... **3.70**

GRETSCH AMERICAN Guaranteed Drums



If you are looking for Tone then here's your drum. Wonderfully brilliant and powerful—instantly responsive—yet free from the slightest suspicion of metallic over-tone. The shell is scientifically built to combine strength and lightness. We guarantee it, like every other Gretsch-American Drum, to hold its perfect round under the most severe professional use. And its looks match up with its tone and strength. Heavy plating, superbly finished, careful fitting and adjustment throughout—these are quality features that heighten its appeal to discriminating drummers.

A fine, well made drum for the amateur, full orchestra size 14x8 shell, laminated rock maple hoops, brass shell, finely nickel plated, six thumb screw rods and regular snare strainer, woven waterproof snares, two genuine calf heads. Complete with sticks.

No. 3A53. Each..... 6.00

A dependable separate tension Orchestra Drum 14x4 shell, heavy nickel plated hoops. Waterproof snares, throwoff strainer, two solid body calf heads. Complete with sticks.

No. 3A136. Each..... 11.25

The Truly Professional Model. 14x4 nickel plated shell. Counter hoops with extension rim that prevents hoops from turning. Eight improved separate tension rods, silk, wire wormed snares. Selected calf heads. Complete with sticks.

No. 3A54. Each..... 16.25

Rugged Gretsch-American Street Drums

These street or band drums can be had in maple or mahogany three ply laminated shells. They are equipped with the best style throw-off strainers, solid body calf heads and will please the most exacting.

No. 3A140. 14x8 shell, thumb screw rods, complete with sticks. Each..... 8.10

No. 3A141. 16x10 shell, thumb screw rods, complete with sticks. Each..... 11.25

No. 3A55. 16x12 shell, separate tension rods, complete with sticks. Each..... 16.25

LOW PRICED AMERICAN WATCHES

The most popular models and best values, made and guaranteed by prominent manufacturers.

Prices Subject to Wholesale Discounts. See Page 2.

DW1391 Babe Ruth Watch: 17 Jewels. $15.00
Retails for $14.95

The outstanding value in a low priced 17 jewel American made wrist watch. Depends upon reputation of movement. Stylish shape, chromium finish case, dependable quality. Silvered dial with raised numerals. Unbreakable crystal. Case is polished steel, satin finish, bright finish sides. Length of dial 15/16 inches. Flexible link attachment has folding center clasp adjustable to wrist. Attractive gift box.

DW1384 Official Boy Scout Watch $3.00

The newest, most dependable Boy Scout watch. Smart streamline chromium plated non-tarnishable case, curved to fit wrist. Attractive silvered dial, raised numerals and hands, unbreakable crystal. Official Boy Scout Seal on dial. Length of crystal 1¼ inches. Removable double silvered leather strap, buckle matches case. Made and guaranteed by the New Haven Clock Co. Neat gift box.

DW1396 New Haven "Dick Tracy" Watch $5.00

The fun lovers favorite character watch. An attractive wrist watch with small, chromium finished case curved to fit wrist. Neat silvered dial. Unbreakable crystal. Dependable silvered leather strap. Buckle matches case. [illegible] box.

DW1397 New Haven Wrist Watch $4.00

A modern streamline case; chromium finish, curved to fit the wrist, bright finish, 2-tone silvered dial with raised inner panel. Unbreakable crystal. Fine removable double stitched genuine leather strap. Buckle same quality as case. Put up in neat individual boxes.

DW1392 A Small Size Jeweled Wrist Watch $8.50

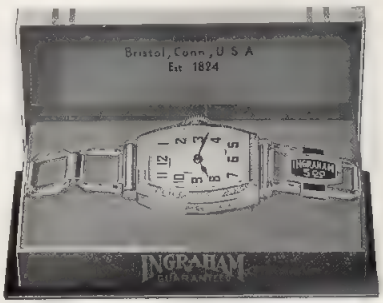
New Haven's newest model for [illegible]. A beautifully designed Wristwatch [illegible] in an [illegible] effect. New Haven celebrated JEWELED movement. Silvered dial, enclosed [illegible]. Unbreakable crystal. Link [illegible] bracelet to attach neatly to [illegible] center [illegible] to wrist [illegible] gift box.

DW1393 Ingersoll "Chevron" in Black Enamel $5.00
Retails for $5.95

A new model Ingersoll, styled and finished [illegible] Ingersoll Watch Case Co. The most popular Ingersoll wrist watch in an all black durable enameled case that can be engraved. Length of crystal 1 inch. Removable fine leather strap, in gift box.

DW1395 Jeweled Thin Model Wrist Watch by New Haven. $7.00
Retails for $5.00

A smart, streamline thin model Wadsworth case, step effect, chromium finish; it hugs the wrist. Celebrated New Haven jeweled movement, 2-toned dial, raised gilt numerals, unbreakable crystal, length 1 inch. Removable [illegible] strap. Buckle same quality as case. Neat gift box.



DW1398 Ingraham Wrist Watch $3.50

A well-known tonneau shape, chromium finish, bright finish case, chased design plain back. Curved to fit the wrist. Decorated silvered dial, embossed numerals, unbreakable crystal, length 1 inch. Flexible link attachment has folding center clasp adjustable to wrist size. Put up in neat individual boxes.

POCKET AND WRIST WATCHES FOR MEN

New Models specially designed for Doctors, College Students, Professional and General Use.
Splendid timepieces considering the price. Stylish gift boxes. Illustrations 7/8 actual size.

Prices Subject to Wholesale Discounts. *See Page 2.*

GALLET WATERPROOF DOCTOR'S WATCH

DW1370 Sheffield Steel, 7 Jewels..... $44.00
DW1371 Sheffield Steel, 15 Jewels..... 49.80

A guaranteed waterproof and rustproof Sheffield Staybrite stainless steel case, a new patented solderless process of case construction particularly desirable for Doctors. Gallet 10½ ligne shock-proof movement, sweep second hand and large legible radium dial. Detachable fine leather strap. Gift box

GALLET WATERPROOF WATCH

DW1372 Stainless Steel, 7 Jewels..... $37.80
DWL373 Sheffield Steel, 15 Jewels 43.50

A guaranteed waterproof and rustproof Sheffield Staybrite stainless steel case. A new patented solderless process of case construction guaranteed water-tight. Gallet 10½ ligne shock-proof movement, a splendid timepiece. Stylish stock dial. Detachable fine leather strap. Gift box

GALLET DUO-DIAL STRAP WATCH

DW1375 Stainless White Metal, 7 Jewels $21.00
DW1376 10 kt. Yellow Rolled Gold Plate, 7 Jewels ... 30.00
DW1377 10 kt. Yellow Rolled Gold Plate, 15 Jewels 36.50
DW1378 10 kt. White Rolled Gold Plate, 15 Jewels..... 36.50

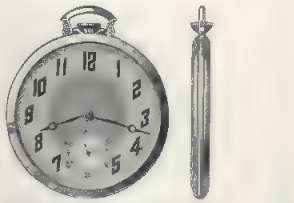
A new Gallet achievement; smartly styled, specially designed duo-dial dependable watches. Stainless white metal case is non-tarnishable. Gallet 8/12 ligne accurate rectangular movement; practical double dials. Gift box

DW1379. Doctor's Watch, 7 Jewels..... $26.50

A low priced Doctor's watch fitted with an Imperial 7 jewel movement; a reliable timepiece; sweep second hand and large legible dial, radium figures. Sturdy thin model nickel case, detachable leather strap, buckle to match. Gift box

DW1380 Elaine, 6 Jewels—The Ideal Watch for the Young Man..... $13.50

Stylish rectangular case; small thin model; chased center, plain satin finish bezel and back. Elaine dependable 8¾ ligne 6 jewel movement, radium dial and hands. Flexible link attachment to match, center clasp adjusts to wrist size. Neat gift box



STYLISH EXTRA THIN MODEL POCKET WATCH

DW1374 14 kt. White Gold Filled, 17 Jewels, Adjusted $24.50

A new extra thin model watch styled and cased by the Illinois Watch Case Co. 14 kt. white gold filled double sides case, 25 year guaranteed, rounded edge, plain satin finish. High grade 17 jewel adjusted movement, an accurate timepiece. Attractive tailored dial. Handsome leather gift box. An outstanding value in a high grade pocket watch.

DW1381 Lyceum, 7 Jewels, Stainless White Metal $16.50
DW1382 Lyceum, 7 Jewels, 10 kt. Yellow Rolled Gold Plate 22.50

Stylish rectangular shape watch. Case has plain satin finish, stainless case is non-tarnishable. Popular leather strap with attachment, folding center clasp adjusts to wrist size. Lyceum, 11½ ligne 7 jewel movement, full radium dial and hands. A dependable timepiece. Neat gift box

DW1383 Lyceum, 7 Jewels, Stainless White Metal $15.50

A new model with two sweep second dial openings. Stainless non-tarnishable white metal case, satin finish. Easy to read dials. Harmonizes with case. Fold over strap, adjusts to wrist size. Lyceum 11½ ligne 7 jewel movement. Full radium dial and hands. A dependable timepiece. Neat gift box

DW1384 Cadet, 17 Jewels, A Collegiate Model $21.00

New stylish step effect, white chromium plate case; curved back, bright finish bezel, satin finish back. Chanticr 17 jewel adjusted movement renowned for timekeeping accuracy. Full radium dial and hands. Detachable smart genuine leather strap with 4 cutout stylish links and buckle, same quality as case. Neat gift box

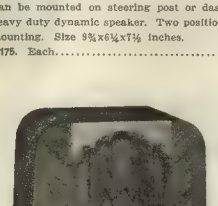
Balkeit *ALL-WAVE WORLD WIDE* Radio

Balkeit Nation-Wide Auto Radio. Custom built 6-tube Superheterodyne. No suppressors necessary. 8-tube efficiency. All electric, single unit construction. Shock-proof chassis, uniform performance. Free from ignition noises. New airplane control, indirectly lighted dial, can be mounted on steering post or dash. 6½-inch heavy duty dynamic speaker. Two position single hole mounting. Size 9¾x6¼x7½ inches.

No. 1R175. Each..... 27.41

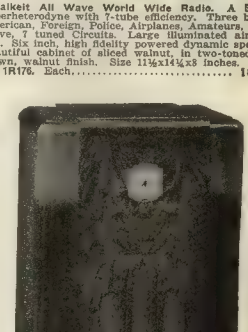
Balkeit All Wave World Wide Radio. A 5-tube Superheterodyne with 7-tube efficiency. Three bands, American, Foreign, Police, Airplanes, Amateurs, Short Wave, 7 tuned Circuits. Large illuminated airplane dial. Six inch, high fidelity powered dynamic speaker. Beautiful cabinet of sliced walnut, in two-toned soft brown, walnut finish. Size 11⅛x14¼x8 inches.

No. 1R176. Each..... 18.42



Balkeit All Wave World Wide Six Tube Superheterodyne, incorporates the newest engineering features, and uses new type dual purpose tubes. Full six-inch, high powered dynamic speaker with large field coil, insures full high fidelity of tone. Three wave bands. Foreign, Amateurs, Airplanes, Police Calls and American Broadcasts. A.C. 110 volts, 60 cycle. 2-gang tuning condenser mounted on rubber eliminates microphonic noises. New styled airplane dial calibrated in meters, kilocycles and megacycles. Solidly constructed cabinet of choice woods. Inlaid marquetry and hand-rubbed soft brown walnut lacquered finish. Size 14½x15½x8½ inches.

No. 1R177. Each 22.32



Balkeit All Wave World Wide, Custom Built, Console Type. Seven-Tube Superheterodyne with nine-tube efficiency. Will bring in American, Foreign, Police, Airplanes, Amateurs and Short Wave broadcasts. Graceful console with center panel of burl walnut. Curved fluted pilaster with birds-eye crown. Hand-rubbed and highly polished finish. Eight inch, heavy duty, dynamic speaker, plus a micro selector band spreader and Fidelity Tone Control for individual tone selection. Size 27½x23¼x13¾ inches.

No. 1R178. Each..... 44.43

Licensed By R. C. A.

TRIAD

Honor Built

Radio Tubes

The Triad is a tube that is made for perfect radio reception, because it is built on a quality basis. It operates without hum, and is more rigid than ever. Triad engineers are proud to present this new type of radio tubes. Its rigid construction eliminates microphonics and burn-outs which cause noisy reception. All Triad tubes are perfect in construction

LONGER LIFE MATCHED TUBES

These tubes will improve any radio set—Finer Tone —Greater Distance—Longer Life—with Triads.

GUARANTEE

Triad Tubes are guaranteed by the manufacturer against electrical or mechanical defects and will be replaced free of charge.

NOTE—Triad uses standard numbers. For instance the 7224 is numbered by some manufacturers as 124, 324 or 424. Remember Triads are standard and can replace any tube where the last two numbers correspond.

TYPE T-201A

T-201A is a standard battery operated tube for use as detector and amplifier in any circuit.
Fil. Volts ..... 5.0 | Plate Volts 45-135
Fil. Amps. ..... .25 |
No. 4R39. Each..... .38
(List price .75)

TYPE T-226

T-226 A. C. Amplifier for radio frequency and audio stages. Raw A. C. is used on the filament
Fil. Volts ..... 1.5 | Plate Volts 90-135
Fil. Amps ..... 1.05 |
No. 4R40. Each..... .38
(List price .75)

TYPE T-227

T-227 A. C. detector or amplifier, separate quick heater type.
Heater Fil. Volts.... 2.5 | Used as amplifier
Heater Fil. Amps....1.75 | Plate Volts 90-135
Detector Plate Volts 45 | 5 prong Y type base.
No. 4R41. Each..... .38
(List price .75)

TYPE T-171A

T-171A power amplifier for use in last audio stages only. Will handle great volume without distortion.
Fil. Volts ..... 5.0 | T-71A Fil. Amps..... .25
T-71 Fil. Amps. .... .5 | Plate Volts 90-180
No. 4R42. Each..... .38
(List price .75)

TYPE T-280

T-280 is a heavy duty full wave rectifier tube for use in A. C. receivers or A B, and C eliminators.
Fil. Volts ..... 7.5 | A. C. Volts.....300
Fil. Amps. ..... 2.0 | D. C. M/A.....125
No. 4R43. Each..... .38
(List price .75)

TYPE T-245

T-245 is a power amplifier for use in the output of receivers designed especially for its use. (Not interchangeable with T-171 or T-171A)
Fil. Volts ..... 2.5 | Plate Volts 180-250
Fil. Amps. ..... 1.5 | Negative Grid Bias.33-50
No. 4R44. Each..... .38
(List price .75)

TYPE T-224A

T-224A is an A. C. four element screen grid tube for radio frequency stages in special circuits. Separate heater type and operates directly on A C
Heater Fil. Volts.... 2.5 | Plate Volts (max.)..180
Heater Fil. Amps ...1.75 | 5 prong Y type base.
No. 4R45. Each..... .50
(List price 1.00)

TYPE T-112A

T-112A output amplifier tubes are designed for use in the last audio stages of battery operated and A. C. sets.
Fil. Volts ..... 5.0 | T-12A Fil. Amps..... .25
T-12 Fil. Amps..... .5 | Plate Volts 90-180
No. 4R46. Each..... .38
(List price .75)

TYPE T-210

T-210 power amplifier tube for use with voltages up to 425. Capable of producing extreme loud speaker volume without distortion.
Fil. Volts ..... 7.5 | Plate Volts 425
Fil. Amps. ..... 1.25 |
No. 4R47. Each..... 1.13
(List price 2.25)

TYPE T-281

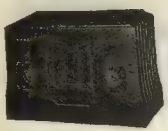
T-281, a half way rectifier for use in A, B and C eliminators.
Fil. Volts ..... 7.5 | A. C. Volts.....750
Fil. Amps. ..... 1.25 | D C m/a.....110
No. 4R48. Each..... 1.13
(List price 2.25)

TYPE T-250

T-250 power amplifier for use with power packs capable of producing 450 volts. Will handle several times the undistorted volume obtained from T-10
Fil. Volts ..... 7.5 | Plate Volts 450
Fil. Amps. ..... 1.25 |
No. 4R49. Each..... 1.25
(List price 2.50)

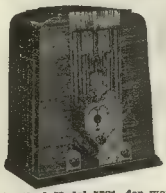
Can supply all standard type tubes in Triad Brand Only—Write for price quotations.

Latest All Wave Radios



Supreme 4 Tube A.C.-D.C. Standard broadcast and police calls. Exquisite two-tone cabinet made of fine woods. 4 tube chassis has the power of a 6, with its double purpose latest design tubes. Size 10½x7½x5 inches.

No. 1R162. Each 12.25
In lots of 3. Each..... 11.75



Sentinel Model 8721, for world wide reception. Gets marvelous reception of the better foreign stations, as well as the entire broadcast band. Uses five of the latest dual purpose tubes and the superheterodyne circuit, giving eight tube performance. Electro-dynamic speaker. Cabinet of selected walnut veneers. Dimensions are 8 inches deep, 14 inches wide and 16 inches high. **For A.C current only.**

No. 1R171. Each..... 21.87

Model 70, Split Band A.C. Super, short wave and standard broadcast. Gets European stations. Ultra sensitive 6-tube superheterodyne circuit with 6 tuned circuits and 2 separate tuning ranges. Illuminated full vision dial. Split band tunes from 15 to 50 meters short wave and 175 to 550 meters standard broadcast. Highly polished two-tone finish cabinet. Size 14⅝x11x8¾ inches.

No. 1R133. Each..... 19.50

Newest A.C.-D.C. *Table Radio*

Balkeit Globe Trotter

Here Is America's Newest Radio. Specially designed 4 tube A.C.-D.C. Circuit 110 Volt, 60 Cycle. Self-contained 25 foot aerial. R.C.A. Tubes. Full floating special dynamic speaker. 175 to 550 meters which includes police calls. Authentic 12 inch globe highly polished, washable. Full meridian with modern designed base. Each in carton.

No. 1R174. Each..... 16.25

RADIOS FOR FARM USE

Model 80—Two volt, air cell, bands covered 19 to 51 and 200 to 550; uses the very latest low drain, two volt tubes for powerful operation; "A" supply is drawn from special Everready two-volt air cell battery which requires no charging; has rubber floated condenser; latest aeroplane type dial exactly as used in new all-electric sets; permanent magnetic Utah Orthovox speaker; licensed by R.C.A. and Hazeltine; tubes used are Raytheon 1—C6, 1—19, 1—30, 1—32, 1—34. Set complete with tubes, finest air cell battery and 3 B batteries.

No. 1R131. Each set complete..... 29.25

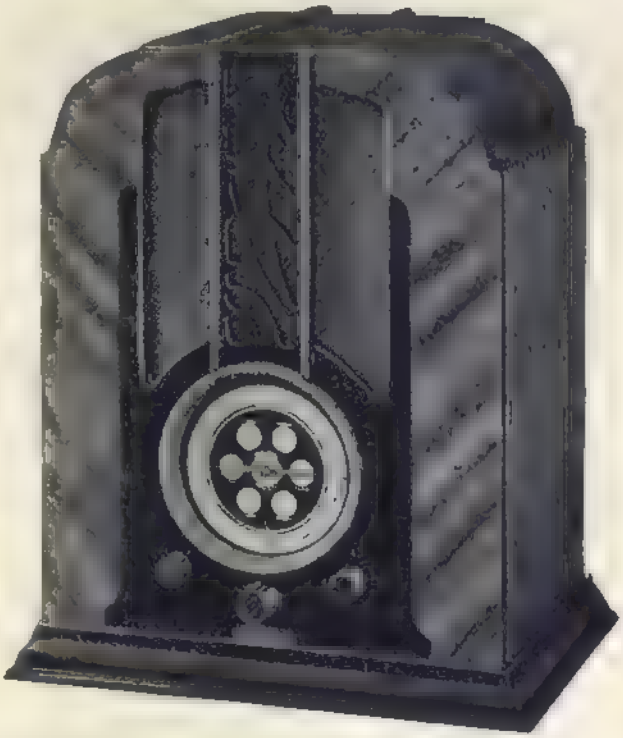
Model 85—32 volt all-electric model; tubes used 1—6A7, 1—6D6, 1—76, 1—42 and 1—80; no batteries are required; plugs directly into 32 volt light socket; aeroplane type dial; covers band from 19 to 51 and 200 to 550; has rubber floated condenser; latest aeroplane type dial same as other all-electric sets; uses Utah Orthovox permanent magnetic type speaker; low drain.

No. 1R132. Each..... 23.45

Balkeit and De Wald Radios

BALKEIT WORLD-WIDE RADIO

London, Paris, Berlin, Madrid, Rome, South America—All on the New 1935 Balkeit



The NEW 1935 BALKEIT WORLD WIDE RADIO is a table model set 15½" high, 13½" wide, and 9" deep. The cabinet, which is made in a highly polished two tone finish of costly Oriental woods, was styled by one of America's leading radio cabinet designers. It is modern—yet free from fadism and has been constructed for acoustical perfection as well as beauty. The powered dynamic speaker insures marvelous tone quality, with rich, full reproduction free from distortion on all frequencies. Genuine RCA Cunningham tubes matched to peak performance, insures full seven tube efficiency. The BALKEIT has a complete Standard American Broadcast range from 535 to 1750 kilocycles, including police calls. It also has a complete Foreign short wave band from 5.5 to 15.5 megacycles.

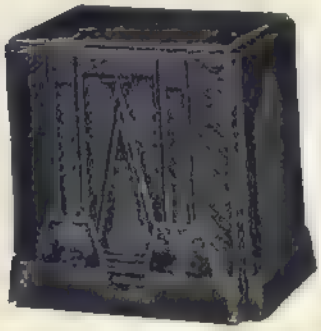
CIRCUIT: Five tube superheterodyne, three tuned circuits using pre-selector filtering.

TUBES: Five Genuine RCA Cunningham tubes with full seven tube efficiency, one 6A7 Detector-Oscillator, one 6B8, I. F. Amplifier, one 42 power output pentode, one 75—2nd detector—AVC-AF amplifier, one 80 full wave Rectifier

DIAL: Exclusive copywrited new styled oversized aeroplane type, five inch fully illuminated time dial. Shows difference in time for six Foreign countries. Calibrations—American Standard broadcast range from 535 to 1750 kilocycles—also Foreign short-wave band from 5.5 to 15.5 megacycles. Two-color double pointer, white for standard broadcast band, and red for Foreign wave band. The dial face is convex crystal

361 L01.	**Radio in Single Lots. Each**	**$48.94**
361 L02.	**Radio in Lots of Three. Each**	**45.94**

DE WALD RADIOS



DE WALD A.C.-D.C. UNIVERSAL FOUR TUBE T.R.F. RADIO

This new and improved De Wald T R F receiver is without question the finest compact [illegible] set on the market to-day. It should not be compared with any other set of its type because this set is made with the very finest materials with no expense spared in its construction and is so far superior that it really is in a class by itself. It incorporates every feature that makes [illegible] tone and its marvelous performance, its exceptional tone, its tremendous volume without distortion [illegible] exceptional distance getting ability will surprise you. This latest again Universal A. C. D. C. receiver has a range of 530 to 1700 kilocycles, illuminated [illegible] antenna and [illegible] dynamic speaker. Genuine RCA Tubes are used in this set of the latest make and are [illegible] 1Z3. The two tone Cabinet [illegible] Modernistic design finely [illegible] and [illegible] deep. A dual compact Radio for the traveler, [illegible] universal operation, where tone quality, range and efficiency are its prime factor.

361 L05.	**Radio in Single Lots. Each**	**$31.50**
361 L06.	**Radio in Lots of Three. Each**	**29.92**

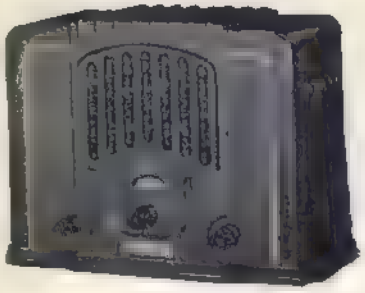
To assure the minimum of service of Radios listed, every part is given most careful inspection. First the individual test and then many times in various circuit ensembles. The final test is most exacting, when, as a complete unit, it is given a trial before leaving the plant.

The engineering laboratory is equipped with expert mechanical and electrical engineers. The factory has every modern appliance for precision workmanship.

Last-minute technical developments, coupled with accurate workmanship, assure the purchaser an up-to-date and dependable instrument, with fidelity of reproduction

DE WALD "DYNETTE" COMPACT UNIVERSAL SUPERHETERODYNE RADIO

Presents the latest in A.C.-D.C. Performance. 5 Tubes



The De Wald "Dynette" Superheterodyne Compact Radio is a powerful receiver, extremely sensitive—of extra wide range and marvelous tone incorporating the newest development in Superheterodyne Circuit construction. Operates without any adjustment on Alternating or Direct current, 110-120 Volts 50-60 Cycles. An Ideal companion for Home, Office, Hotel, College, or any place a powerful compact Radio is desired. This set is equipped complete with five (5) genuine RCA tubes of the latest type, 2 6D6, 1 6C6, 1-43, 1-1Z5, illuminated vernier dial—built in antenna, ultra sensitive dynamic speaker. Range from 540 to 4000 Kilocycles. The cabinet is of American Walnut, with two tone overlay and matched imported overlay, hand rubbed to a beautiful finish and made by one of the leading Cabinet stylists in America. The Cabinet of Modernistic design is 8 in. high, 11¾ in. wide and 6½ in. deep. Constructed by master craftsmen from excellent materials for perfect tone reproduction. Advanced Engineering Features incorporated in this set include built-in aerial: Ultra sensitivity, 5 tube Superheterodyne Chassis. By a twist of the wave switch the listener may sweep the full range of Amateur, police, airplane and ship reception. Weight 11 lbs.

361 L03.	**Radio in Single Lots. Each**	**$40.48**
361 L04.	**Radio in Lots of Three. Each**	**38.45**

All Sets Priced Complete With Tubes Ready to Operate

DE WALD DE LUXE SUPERHETERODYNE RADIO FOREIGN AND BROADCAST—A.C. OPERATION

5 Tubes

Illustrated above is the De Wald Deluxe A. C. Superheterodyne Radio, [illegible] instrument are the latest scientific features assuring startling clear signals, tone quality and power on [illegible] reproduction of local and distant stations. This five (5) tube superheterodyne radio with two kilocycle ranges, 540 to 1600 and 7500 to 20,000 is encased in a two tone Cabinet of burled walnut and curly maple with marquetry inlay on front panel of modern design. It has a new type illuminated European dial, three gang variable condenser, variable tone control and large full range dynamic speaker. Set contains Advanced engineering features which include, Hair line tuning, Ultra Sensitivity, Fearless [illegible] 5 tube Superheterodyne Chassis which comes completely equipped with the latest type RCA tubes and are 1-2A5, 2-A 1-57, 1-58, 1-80. Cabinet size is [illegible] high, 15½ in. wide and 6¾ in. deep, weighing 14 pounds complete. Two position wave switch quickly changes the reception from the high to the low meters. This set operates on 110-120 volts, 50-60 cycle A.C. current.

361 L07.	**Radio in Single Lots. Each**	**$53.94**
361 L08.	**Radio in Lots of Three. Each**	**51.25**

RONSON

Smokers' Accessories—Sculptured Book Ends

EACH PIECE OF UNIQUE DESIGN—YET THE DETAIL AND LIKENESS HAVE BEEN CARRIED OUT THOROUGHLY

SCOTTY ASH TRAY

This droll flop-eared inquisitive Scotty will coax a smile from the worst grouch. Removable Black Pottery Bowl

Height: 4¾"
Width: 6"
Depth: 5"
Finished in Venetian Bronze

362 L01. Each **$2.64**

ELEPHANT TRIO ASH TRAY

Three realistic Elephants with upraised trunks (a symbol of good fortune) support the removable Black Pottery Bowl on their backs.

Height: 3"
Width: 8"
Finished in Imperial Bronze

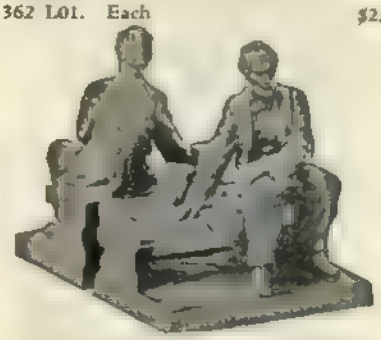
362 L02. Each **$3.75**

HOUN DOG STRIKE LIGHTER

This droll, appealing, sculptured caricature of a hound pup with a woe-begone expression will make sales just as fast as a puppy makes friends. Remove the knob from his knob, let the striker scoot down his snoot, and there's your "haul of flame" Lights Cigarettes, Cigars AND Pipes. One filling gives long lasting service.

Height: 4½"
Width: 2"
Depth: 4"
Finished in Polished Chromium Plate; Base in Gun Metal

362 L03. Each **$3.00**

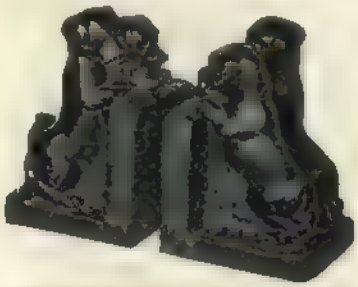


ABRAHAM LINCOLN BOOK ENDS

"Honest Abe" in all his rugged simplicity and human kindness is tastefully depicted in this handsomely finished pair of Book Ends.

Height: 4½"
Width: 3¼"
Depth: 2½"
Finished in Lincoln Bronze.

362 L04. Per Pair **$5.25**

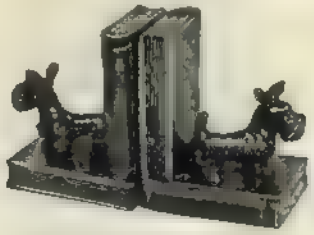


PUPPIES SEXTETTE BOOK ENDS

Three inquisitive puppies stand erect examining the books that come between them, ready to cook up mischief at a moments notice.

Height: 5"
Width: 3½"
Depth: 4"
Finished in Imperial Bronze.

362 L05. Per Pair **$5.25**

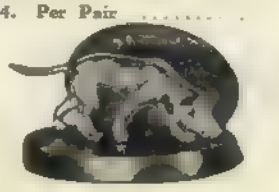


SCOTTY BOOK ENDS

This alert amusing pair of Scotties stand guard to protect whatever comes between them

Height: 4¼"
Width: 3¼"
Depth: 2½"
Finished in Royal Bronze

362 L06. Per Pair **$3.75**



BIRD DOG BOOK ENDS

This handsome pair of Bird Dogs is so faithfully rendered in all detail that they immediately appeal to Dog lovers and Hunters. Fully modeled (not mere relief), these Dogs present two distinct and characteristic poses of the trained pointer.

Height: 3¼"
Width: 5"
Depth: 3½"
Finished in Polished Chromium Plate Gun Metal Base.

362 L07. Per Pair.. **$7.50**

All Prices are Subject to Regular Catalog Discount

ELEPHANT BOOK ENDS

Two magnificent specimens of the Elephant kingdom stand at attention with upraised trunks on bases suggestive of their natural stamping grounds.

Height: 6¼"
Width: 3"
Depth: 6"
Finished in Imperial Bronze.

362 L08. Per Pair **$5.25**

END OF TRAIL BOOK ENDS

Exquisitely sculptured in relief is the famous Indian and Horse Group known as "End of Trail"

Height: 3¼"
Width: 4"
Depth: 2"
Finished in Venetian Bronze.

362 L09. Per Pair... **$3.00**

Belmont Men's Strap Watches

7 JEWEL MOVEMENTS

We present a group of distinguished looking watches, expertly constructed, at a price that makes them the outstanding values on the market

Every watch is tastefully designed and richly decorated. High grade 7 jewel movement possesses features found in the most expensive watches. Belmont Watches are fully guaranteed and are faithful timekeepers.

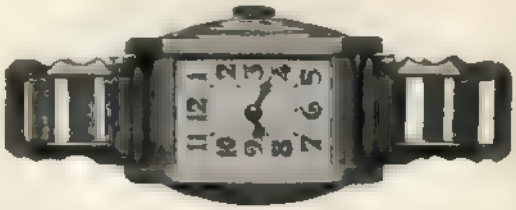
AMERICAN MADE

One of the outstanding numbers of the new season. Artistically designed. Richly engraved. Large, legible numerals. Dependable 7 jewel movement.

44 B01. 10 Karat Rolled Gold Plate, Natural Gold. Each $18.50
44 B02. Two tone engraved. Each 12.90
44 B03. White metal engraved. Each 10.80

Handsome masculine design. Distinctively engraved. Large legible numerals. Fully guaranteed. 7 jewel movement insures years of accuracy. With bracelet to match

44 B04. Two toned Engraved. Each $12.90



Accurate 7 jewel movement. Beautifully wrought case. Large, legible numerals. With bracelet to match.

44 B05. White metal. Each $10.80
44 B06. 10 Karat yellow rolled gold plate. Each 18.50

One of our most popular models. Artistically designed case. Richly engraved. Sturdy, dependable 7 jewel movement. Smart, new bracelet to match

44 B07. White metal engraved. Each $10.80
44 B08. Two tone engraved. Each 12.90
44 B09. 10 Karat yellow rolled gold plate. Each 18.50

Towers above all others in its beauty and in its accurate, dependable 7 jewel movement. Large, legible numerals. Richly engraved

44 B10. White metal engraved. Each $10.80
44 B11. Two tone engraved. Each 12.90
44 B12. 10 Karat yellow rolled gold plate. Each 18.50

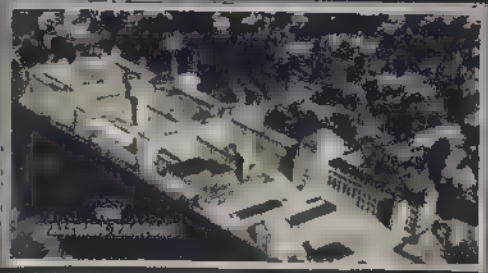
A masterpiece in design. Richly engraved . . . tastefully designed. Bold, legible numerals. Sturdy, dependable 7 jewel movement. With bracelet to match.

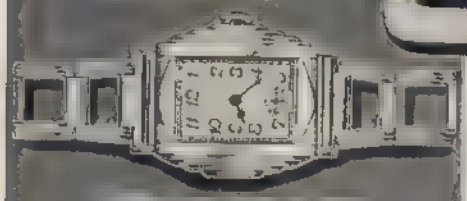
44 B13. White metal. Each $10.80

An exceptional feature . . . an outstanding value. Its unusually smart design will appeal to every man. Large, legible numerals. Accurate 7 jewel movement. A bargain at this price

44 B14. White metal. Each $10.80

WALTHAM
FIRST AMERICAN WATCHMAKER





3566—7 Jewel white polished durable metal case with leather strap $27.50

3567—17-Jewel white polished durable metal case with leather strap $35.00

3568—7-Jewel Yellow 10 karat rolled gold plate case with leather strap $30.00

3569—17 Jewel Yellow 10 karat rolled gold plate case with leather strap $37.50

3576—7-Jewel white polished durable metal case with link band $27.50

3577—17-Jewel white polished durable metal case with link band $35.00

3578—7-Jewel white polished durable metal case with link band $29.50

3579—17-Jewel white polished durable metal case with link band $37.00

ALL WATCHES DELIVERED IN ATTRACTIVE CHROMIUM TRIMMED GIFT BOX
ILLUSTRATIONS 7/8 ACTUAL SIZE

WALTHAM
FIRST AMERICAN WATCHMAKER

Reliable Fishing Baits

BETTER BASS-ORENO

Stronger Better Action

It greets the angler better in design, better in construction and better in durability. An aluminum plate, cemented and riveted within the wood body, serves several purposes

You'll be amazed at its sensitive, lively action. It retains all the realistic, zig-zag, darting, diving maneuvers of its predecessor, the original and genuine Bass Oreno.

Body is 3¾ inches long; weight, ¾ ounce.

316 H01. RW—Red arrowhead, white body.
316 H02. RY—Red arrowhead, yellow body.
316 H03. RAIN—Rainbow color.
316 H04. RHA—Red head, aluminum color body.
316 H05. PL—Lustrous iridescent pearl.
316 H06. SF—Scale finish, green.
316 H07. YP—Yellow perch, scale finish.
316 H08. LUM—Nite-luming finish.
316 H09. P—Pike scale finish.
Each $1.40

BILL DeWITT NATURAL MINNOW

For the first time you can secure, made in the United States, this type of formerly imported and correspondingly expensive minnow. A killer for all game fish. Made from Pyra Shell. Scale finish in the following colors: (a) Light Yellow, transparent gills (b) Light Green, transparent gills, (c) Green Back, transparent body Red Gills (natural). (f) Light Red (Gold) transparent gills. (g) Pearl (Silver) transparent gills.

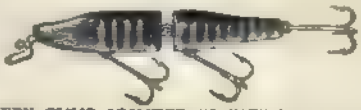
316 H10. 3½ inch. Each $1.04
316 H11. 5-inch Each 1.54

CREEK CHUB FAMOUS "PIKIE" MINNOW

316 H12. Natural Pikie, Scale Finish.
316 H13. Natural Perch, Scale Finish.
316 H14 White with Red Head
316 H15. Silver Shiner, Scale Finish.
Each $1.40

THE BABY "PIKIE" MINNOW

316 H16. Pikie, Scale Finish
316 H17. Natural Perch Scale Finish
316 H18. White and Red
316 H19. Silver Shiner, Scale Finish.
Each $1.34



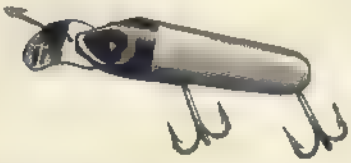
CREEK CHUB JOINTED "PIKIE" MINNOW

Changing speed while reeling in adds to its attractive action and seems to create in the fish an irresistible impulse to strike.

316 H20. Natural Pikie, Scale Finish
316 H21. Natural Perch, Scale Finish.
316 H22. White with Red Head
316 H23. Silver Shiner, Scale Finish.
Each $1.74

THE BABY JOINTED "PIKIE" MINNOW

316 H24. Natural Pikie, Scale Finish.
316 H25. Natural Perch, Scale Finish.
316 H26. White and Red Head.
Each $1.60



The Baby Pike-Oreno—Wooden portion of body 3¼ inches long; over all length including headplate, 4 inches. Weight between ½ and ¾ ounce.

316 H30. Red head and white body
316 H31. Pike scale finish
316 H32. Scale finish green.
Each $1.32

Size 4¼ ¾ oz.

PFLUEGER "PAL-O-MINE" MINNOW
FLOATS—DIVES—WIGGLES—WOBBLES

Body is made of selected Cedar, heavil, coated with elastic enamels, will not peel off. Bright Tin Plated hooks, size 1/0 patented detachable hook fastener prevents hooks tangling

316 H33. Golden Shiner—Scale Finish
316 H34. Natural Pike—Scale Finish.
316 H35. Natural Perch—Scale Finish.
Each $1.26

NEW EGYPT WIGGLER

316 H39. Brass, nickel plated. Weight ½ oz. practically weedless. One size only, regular equipment, 3/0 hook, but larger or smaller hooks will be furnished on request. Hook detachable. Each $1.06

SOUTH BEND MUSK-ORENO

This size meal appeals to the voracious appetite of the muskie and the northern pike. Built like the famous Bass-Oreno, only larger. Body length is 4½ inches.

316 H36. Red Head Aluminum Color Body.
316 H37 Scale Finish Green
316 H38. Yellow Perch, Scale Finish.
Each $1.40

DIXIE WIGGLER
As Used With Al Foss Bucktail Streamer
With or Without Pork Rind

All brass, nickel plated, or natural brass finish of feather. Hook detachable. Red head and standard equipment. Can be had in white, yellow, orange, brown, black. Various combinations furnished when ordered. Casts right to the spot like a bullet. Hook rides upright and cannot turn over.

316 H40. No. 13) Weight, ½ ounce, 3/0 hook
316 H41. (No. 14) Weight, ⅜ ounce, 1/0 hook
Each $1.26

If The Items Which You Are Interested In Are Not Shown Kindly Write

SOUTH BEND TRIX-ORENO

Here's a Trix-Oreno for casting. They go deep, and with the "flashy" bangle, make most unusual lures

Trix-Oreno—No. 4/0 hook, body length, 2⅝ inch; width 9/16 inches; weight ⅝ ounce.

316 H42. Red head, white body.
316 H43. Lustrous iridescent pearl.
316 H44. Mirror like, non-tarnishing Stainless Steel.
Each $1.18

CREEK CHUBS NEW FLIP-FLAP

This scientifically balanced combination of spoon and wooden lure combines the flash of the spoon with the fish getting qualities of the wooden lure! The only lure that swims with an up and down movement

316 H27. White and Red Head.
316 H28. Silver Flash.
316 H29. Frog Finish.
Each $1.40

All Prices Subject to Regular Catalog Discount

LOWE STAR BAIT

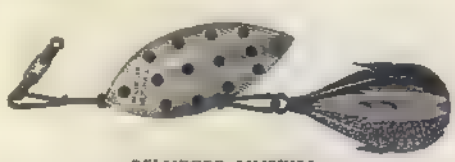
Celebrated Lowe Star Baits for half a century have been the choice of the discriminating angler who wants the best—recognized the world over as one of the most effective lures for all game fish.

Baits suitable for the following fish: Sizes 6 to 4 inclusive, Black Bass and Trout.

Sizes 3 to 3 inclusive, Pike, Pickerel and Lake Trout. Sizes 1 to 3/0 inclusive, Muskallunge.

Spinner Blades are Pol. Silver and Gold Convex—Red Concave

No.	316 H45	316 H46	316 H47	316 H48	316 H49	316 H50	316 H51	316 H52
Bait Sizes	6	5	4	3	2	1	2/0	4/0
Length of Blade....Inch	1 1/32	1 5/64	1 11/32	1 29/64	1 25/32	2 1/64	2 27/64	2 31/32
Width of Blade....Inch	5/8	11/32	17/64	5/16	13/32	3 3/64	1 11/32	2 15/64
Treble Hooks, Sgle. Bait Sizes	4	3	1	1/0	3/0	4/0	7/0	10/0
Each	$0.56	$0.56	$0.70	$0.70	$0.84	$0.84	$1.26	$1.74

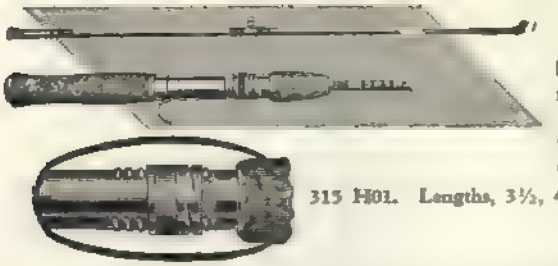


PFLUEGER MUSKILL

Muskill Muskallunge Baits are constructed primarily for Muskallunge, but they are also very killing for Northern Pike, Pickerel and other game fish. Made in Spotlite finish. Blades spin speedily and close up to the shaft. Mounted on burnished extra strong spring brass wire shafts with snap loops for quick replacement of hooks. Bright Tin Plated Treble Hooks, hand filed cut points. Brass box swivels. Baits treated to prevent discoloration.

No.	316 H53	316 H54	316 H55
Bait Sizes	7	9	12
Length of Blade....Inch	2 3/16	2 11/16	3 3/32
Width of Blade....Inch	11/32	13/32	17/32
Treble Hooks, Ringed....Sizes	6/0	7/0	8/0
Price	$0.70	$1.06	$1.40

Quality Fishing Rods



SOUTH BEND SPLIT BAMBOO CASTING ROD No. 7

A carefully built rod of merit. This two-piece rod made from first-quality, butt-cut bamboo. Popular hand-shaped solid cork grip and forward grip. Chromium plated reel seat of screw locking type which holds the reel absolutely tight. Finger trigger on reel seat. Nickel silver ferrules chromium plated. Genuine Garnix guides and reenforced improved tip top. Silk windings in orange and black on medium brown finish of bamboo. Packed in partitioned khaki bag.

315 H01. Lengths, 3½, 4, 4½, 5 and 5½ feet. Each **$11.90**

SOUTH BEND SPLIT BAMBOO CASTING ROD No. 21

Truly a rare value. Two-piece split bamboo rod with solid cork grip. Forward grip. Chromium plated ferrules and reel seat. Finger hook attached to band on reel seat. Genuine Garnix guides. Finished in the medium brown tone. Partitioned cloth bag.

315 H02. Medium weight; lengths 3, 3½, 4, 4½, 5 and 5½ feet. Each... **$6.30**

"Bristol" Solid Steel Rod, finished with cadmium and fitted with all Garnix casting guides and Garnix casting top. Drop offset handle of aluminum, satin finish, with cork double grips.

315 H03. Length 3, 3½, 4, 4½, 5 feet. Each **$7.28**

CHAMPION BAIT CASTING ROD No. 159

One-Piece Chrome Alloy Solid Steel Rod. Especially Designed for balanced casting action and to set the hook almost automatically. The blade of this model is square shaped with a satin plated finish. Beautifully striped. Red crystal agate guides and top set in nickel silver mountings. Double cork grip, bright burnished aluminum offset handle. Cloth bag.

315 H04. Lengths, 3, 3½, 4, 4½ and 5 feet. Each **$6.00**

PEERLESS "BASS" ROD

This model has the attractiveness of the hexagon shape further enhanced by a bright Cadmium finish of long rust resisting qualities. Also has guide windings attractively striped in contrasting colors. One of the most popular solid rods made. Handsome red crystal agate guides and extra strong offset top. Aluminum offset handle with double cork grip and Kantslip (screw threaded) reel band. Handle and black Interlock so rod cannot turn or twist in the handle. Cloth bag.

315 H05. Lengths, 3, 3½, 4, 4½ and 5 feet. Each **$8.22**

PEERLESS "MUSKIE" ROD

A One-Piece Chrome Alloy Solid Steel Rod Especially Designed for Casting and Trolling for Muskalonge. The "Muskie" rod is hexagon shape finished in bright, rust resisting cadmium and mounted with beautiful red, wide crystal agates and top, mounted in nickel silver bands. Guide windings are attractively striped in contrasting colors. The offset double cork grip handle has the Kantslip screw threaded reel band. Handle and rod interlock to prevent turning in the handle.

315 H06. Length, 4½ feet. Packed in a partitioned cloth bag. Each **$8.48**

BROOKSIDE No. 1 CASTING ROD

Hexagon rod Bronze plated. Mounted with genuine agate guides and offset top, all smoothly polished. Rod beautifully striped in colors. Latest design aluminum offset handle polished and chrome plated. Highest quality cork is used for the shaped cork grips. The Kantslip screw threaded reel band holds reel perfectly. Rod ferrule and handle Interlock so joint cannot turn in handle. Handsome duck bag.

315 H07. Lengths, 3, 3½, 4, 4½ and 5 feet. Each **$12.16**

SOUTH BEND SPLIT BAMBOO FLY ROD No. 76

One glance and you will recognize the splendid value in this rod. It has three pieces and extra tip. Solid cork grip shaped to fit the hand. Ferrules and substantial metal reel seat are chromium plated. All guides of tool-hardened steel. Finish is the new deep brown, with contrasting winds. Cloth bag.

315 H08. Fly Rod in lengths of *8½, *9 and *9½ feet (approximate weights of 5½, 6 and 6½ ounces. Line recommended, 8½ and 9 ft., D or HDH; 9½ ft., D or HCH). Each **$8.40**

SOUTH BEND Nos. 23 and 24 BAMBOO FLY ROD

Serviceable and satisfactory fly rods with extra tops. Solid cork grip. Nickel silver chromium plated ferrules. Screw-locking reel seat, chromium plated. Guides and tip top of steel. Light brown finish bamboo. Khaki bag.

315 H09. (No. 23)—Fly Rod—Trout Action—
Lengths 8, 8½, 9 and 9½ feet. Each **$16.80**

315 H10. (No. 24)—Fly Rod—Bass or Steelhead Action—
Lengths 8½, 9 and 9½ feet. Each **16.80**

All Prices Subject to Regular Catalog Discount

HANDLE BARS

MOTORCYCLE STYLE

Made of ⅞-inch Tubing, **Chromium Plated**; Extreme Width, 22½ inches; Drop or Raise, 5 inches; Straight Grip Ends, 4½ inches Long; Cross Bar is Detachable; **Without Grips.**

Each

No. 27HB—Complete with Cross Bar and Stem; Weight Complete, 2¾ lbs. **$4.00**

No. 27HBT—Top Only; Less Cross Bar and Stem; Weight Complete, 1½ lbs. ... **1.90**

No. 27HBB—Cross Bar Only; Length Over All, 21¼ inches; Weight Each, ¾ lb. **1.10**

Loose

TEXAS "LONG HORN" STYLE

Without Grips

Made of ⅞ inch Tubing, **Chromium Plated.**

Each

No. T3012—Size, 30x12 inches; Complete With Stem; Weight Each, 3 lbs. **$4 00**

No. T3012LS—Size, 30x12 inches; Top Only; Without Stem; Weight Each, 2¼ lbs. **2.80**

No. T2810—Size, 28x10 inches; Complete With Stem; Weight Each, 2⅝ lbs. **3.50**

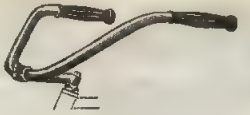
No. T2810LS—Size, 28x10 inches; Top Only; Without Stem; Weight Each, 1⅝ lbs. **2.60**

No. T268—Size, 26x8 inches; Complete With Stem; Weight Each, 2¾ lbs. **3.30**

No. T268LS—Size, 26x8 inches; Top Only; Without Stem; Weight Each, 1⅝ lb ... **2.30**

Loose

HANDLE BARS



Without Grips

Made of High Grade Steel Tubing, **Chromium Plated**; ⅞ inch Tubing; Width, 21 inches; Drop or Raise, 6½ inches.

Straight Grip, Ends are 4½ Inches Long

Each

No. MB3—Complete with Handle Bar Stem; Less Grips; Weight Each, 2¼ lbs. **$3 00**

No. MB3LS—Top Only; Without Grips; Weight Each, 1¾ lbs. **2 00**

Loose

CALIFORNIA

Made of ⅞-inch Tubing, Chromium Plated; Drop 9 inches, Forward Bend 3 inches; Width 26 Inches.

Each

No. 6/26—Complete With Stem, Weight Each, 3 lbs. **$3 30**

No. 6/26LS—Top Only Without Stem; Weight Each, 2¼ lbs. **2 60**

Loose

Made of ⅞-inch Tubing, **Chromium Plated**; 3-inch Drop; **Without Grips.**

Each

No. 4/18—18 inches Wide; Complete With Stem; Weight Each, 2 lbs. **$2.70**

No. 4/18LS—18 inches Wide; Top Only; Without Stem; Weight Each, 1 lb. **1.70**

No. 4/20—20 inches Wide; Complete With Stem; Weight Each, 2 lbs. **2.80**

No. 4/20LS—20 inches Wide; Top Only; Without Stem; Weight Each, 1⅛ lb. .., **1.80**

Loose

HANDLE BARS

LAWSON RACER

Made of ⅞-inch Tubing, **Chromium Plated**; Drop, 6 inches; Forward Bend, 3 inches; **Without Grips.**

Each

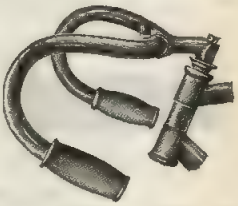
No. RL18—16 inches Wide; Complete with Stem; Weight Each, 2 lbs. **$3.00**

No. RL16LS—16 inches Wide; Top Only; Without Stem; Weight Each, 1 lb. **2 00**

No. RL18—18 inches Wide; Complete With Stem; Weight Each, 2 lbs. **3.00**

No. RL18LS—18 inches Wide; Top Only; Without Stem; Weight Each, 1 lb. **2.00**

Loose



KOPSKY RACER

Made of ⅞-inch Tubing; Chromium Plated; Drop, 6 inches; Forward Bend, 6 inches, Width, 16 inches.

Each

No. KR16—Complete With Stem; Weight Each, 2 lbs. **$4 30**

No. KR16LS—Top Only, Without Stem; Weight Each, 1¼ lbs. **3 30**

Loose

HANDLE BAR STEMS

EXTENSION STYLE

Size, ⅞-inch; For ⅞-inch Tops; 3¼-inch Forward Extension; Length of Stem, 4½ inches with Expander; **Chromium Plated.**

Each

No. 22E—Weight Each, 1 lb. **$1 00**

Loose

HANDLE BAR PARTS

Each

No. CS—Cellar Screws; Weight per Dozen, 8 ozs. **$0 10**

No. EP—Expander Plugs; Weight per Dozen, 8 ozs. **10**

No. EB—Expander Bolts; Weight per Dozen, 16 ozs. **10**

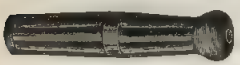
Loose

BICYCLE HANDLE BAR GRIPS

Black Rubber; Designed to Fit Fingers, Giving Comfort in Riding; Length, 4⅞ inches; For ⅞-inch Handle Bar.

Per Dozen Pair

No. 25—Weight per Dozen Pair, 3 lbs...**$3.60**
Loose



Black Rubber; Length, 5½ inches. For ⅞-inch Handle Bar.

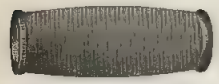
Per Dozen Pair

No. 40B—Weight per Dozen Pair, 4½ lbs.**$4.00**
Loose

Black Rubber; Length, 3¾ inches. For ⅞-inch Handle Bar.

Per Dozen Pair

No. 35—Weight per Dozen Pair, 1½ lbs.**$2.70**
Loose



Sponge Rubber; Very Soft; Length, 3¾ inches; for ⅞-inch Handle Bar.

Per Dozen Pair

No. 5—Weight per Dozen Pair, 2¾ lbs..**$6.60**
Loose

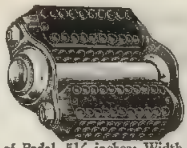
VELOCIPEDE HANDLE BAR GRIPS

Corrugated Black Rubber; Length of Grip 3 inches; for ⅝-inch Velocipede Handle Bar.

Per Dozen Pair

No. 32—Weight per Dozen Pair, 2⅞ lbs. **$2.20**
One Dozen Pair in a Box

BICYCLE PEDALS



PERSONS MAJESTIC
Heavy Service: Built with ¼-inch Steel Balls in Retainers.
Heavy Pimple Pure Para Rubbers, 1-inch Square; Length of Pedal, 5½ inches; Width, 3 inches; No. 20 Thread; Fits Any Standard Crank; The Only Pedal Made with ¼-inch Balls.

Per Pair

No. 250—Weight per Pair, 2 lbs..... **$1.90**
One Pair in a Box

TORRINGTON
Parts are Highly Nickel Plated; One inch Moulded Rubbers 4x3 inches; No. 20 Thread.

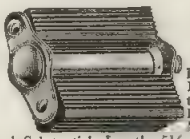
Per Pair

No. 10—Weight per Pair, 2¼ lbs.....**$2 10**
One Pair in a Box

GRAHAM
All Metal Parts are Chromium Plated; Large Black Rubbers; Length Over All, 5¼ inches; Width, 3 inches; All Rubber Tread; No. 20 Thread.

Per Pair

No. C50R—Weight per Pair, 2¼ lbs.... **$1.80**
One Pair in a Box



GRAHAM PIONEER
All Metal Parts Highly Nickel Plated, with Extremely Large Rubbers, which Make it Heavy and Substantial; Length, 5¼ inches; Width, 3 inches; No. 20 Thread.

Per Pair

No. P—Weight per Pair, 1⅞ lbs..... **$1 30**
One Pair in a Box

GRAHAM JUVENILE
For Bicycles and Velocipedes
All Metal Parts are Nickel Plated; Large Black Rubbers; Length Over All, 4⅝ inches; Width, 2⅝ inches; No. 20 Thread.

Per Pair

No. NVJ—Weight per Pair, 1½ lbs.....**$1 20**
One Pair in a Box

BICYCLE PEDALS

STAR RACING
Extremely Light Racing Pedals, Axles and Cones, Turned from Solid Stock; Hardened to the Degree That Gives Longest Service; Bearings Perfectly Adjusted, Nickel Plated Finish; Size, 5x2⅛ inches; No. 20 Thread.

Per Pair

No. 4—Weight per Pair, 1⅛ lbs.....**$2.70**
One Pair in a Box

REPAIR PEDAL

GRAHAM

This Pedal is Designed Along the Lines of Repairing Stripped Cranks Without Any Extension to the Pedal, by Tapping the Stud End of the Axle and Inserting a Bolt Through the Crank, so That the Pedal when Attached Does Not Extend Beyond the Crank.

Nos.	Hand	Weight Each, lb.	Each
GLH	Left	1	**$1.00**
GRH	Right	1	**1.00**

One in a Box

CRANK REPAIR TIPS

Cranks Broken at the Pedal End can Easily be Repaired with This Crank Tip; Made from Forged Steel and can be Applied to the Crank by Brazing or Welding. Tapped ½x20, Right or Left.

Nos.	Hand Thread	Weight per 100, lbs.	Per 100
570R	Right	..	**$31.00**
570L	Left	..	**31.00**

Thirty in a Box

PEDAL RUBBERS

Fits Any Make Bicycle Pedal; Black Rubber; Length, 4 inches; Thickness, 1 inch Square; ¼ inch Square Hole Through Center.

Per Set

No. B34—Four Rubbers to a Set: Weight per Set, ⅝ lb..... **$0.30**
Five Sets in a Carton

NEW *automatic* BIG-BANG

Safety Celebrators
No Gunpowder
No Matches

4 Sizes—Popularly Priced—Retail $1.25 to $3.75
To Load—Push Charger Button
NON-SKID toy train track SILENCERS
No Nails—No Clips—No Marred Floors
CONESTOGA clear vision FIELD GLASSES
For Sporting Goods and Optical Stores

Room 443
Hotel McAlpin
THE CONESTOGA CORPN.
BETHLEHEM, PA.

Desks
Bassinets
Cradles
Beds
Rockers
Chairs
Table Sets
Tool Boxes
Ironing Boards

Complete Exhibit
McALPIN HOTEL
April 1st to 20th
ROOM 897
Permanent Display
Fifth Avenue Bldg.
ROOM 317

THE ELMBERG COMPANY
Main Office and Factory: Ladysmith, Wisconsin

ANOTHER NEW

GONG
BELL
TOY

No 238 TEETER BEAR
THE GONG BELL MANUFACTURING CO.
Room 324, 200 Fifth Avenue, New York
Factory: East Hampton, Conn.

BOOKS
OF ALL KINDS
5c to $2.00
FOR CHILDREN

Children's Puzzles, Linen Picture Books; Board Books, Painting Books, Cut-Out Books, Cloth Bound Juvenile Books.

THE PLATT & MUNK CO., INC.
200 FIFTH AVENUE NEW YORK, N. Y.

Spring Time Is Boat Time

WITHIN a comparatively short time the weather will be such as to make sailing boats on lakes and ponds a real pleasure. A number of toy departments in New York City have already made elaborate boat displays and installed demonstration tanks. Toy dealers should feature boats now, and a boat construction contest held in the near future will not only stimulate the sale of construction sets, but will also create interest in all types of boats.

Holiday Sales $100,000,000 Above Year Ago

IN DECEMBER expenditures for general merchandise purchased from department stores, mail order organizations, variety chain stores and general chain stores amounted to $702,217,000, according to a report issued recently by the International Statistical Bureau. This was the largest holiday volume since December, 1930, when the figure was $800,286,000, and exceeded the total for December, 1933, by nearly $100,000,000, it was stated.

A. W. Zelomek, director and economist of the bureau, announced that there was an increase of nearly three-fourths of a billion dollars in the amount spent for general merchandise during 1934 compared with 1933. He estimated that sales in department stores, mail order and variety and general chain stores totaled $4,772,000,000 last year, compared with $4,063,000,000 the year before.

Comparison with 1929 showed that December business this year was only about $170,000,000 below the pre-depression figure. The volume for the whole year of 1929 was $6,397,000,000.

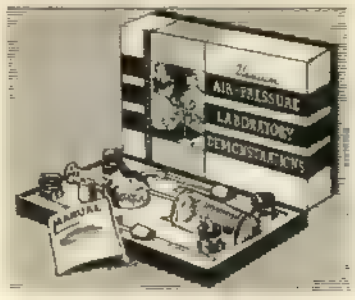
The rise in dollar volume from November to December, 1934, was considerably larger than the usual seasonal movement, the statistical bureau stated. After seasonal adjustment, the index of dollar sales was the third highest since October, 1931. The gain for the month over the depression low was put at 38.4 per cent.

An analysis of sales by groups during 1934 revealed that mail order organizations, with an estimated total of $684,000,000, or a gain of $151,237,000, showed the greatest percentage of increase at 28.4 per cent. Department stores showed a gain of $415,900,000 to $3,076,000,000, or an increase of 15.6 per cent above 1933.

According to Mr. Zelomek, the rate of increase in expenditures for general merchandise has lagged behind that in consumer income. The bureau's index of consumer income for the first eleven months, showed a gain of about $7,000,000,000 above the corresponding period of 1933, or approximately 23 per cent, while the increase in expenditures for general merchandise for the same period was 18 per cent.

About 10 per cent of the gain in income was spent for general merchandise and about 5 per cent was used in the purchase of automobiles. It was estimated that about $350,000,000 more went into the purchase of new automobiles in 1934 than in 1933. It was pointed out, however, that there could be no doubt that a good portion of the increase in income was used for the liquidation of debts

An ENTIRELY DIFFERENT Scientific Outfit!



THE VACUUM
AIR-PRESSURE
LABORATORY DEMONSTRATIONS SET

Highly spectacular and instructive experiments with air and water can be demonstrated with this harmless outfit. Set includes everything, with regular size professional laboratory apparatus and easily understood manual. Thoroughly scientific and educational! Easy to do! Exciting to watch! Colorful! Salable! Retails for $1.50.

HOME PHYSICS LABORATORIES
SUITE 223 RAILWAY EXCHANGE BUILDING CHICAGO, ILL.

PERMANENT DISPLAYS:
Chicago: I. P. Bridges & Co., Inc. 334 S. Michigan Ave.
New York: Strobel-Wilkes Co., Inc. 1107 Broadway
Southern: T. F. Sanford, James Bldg. Chattanooga, Tenn.

For Real Novelty See

"NOVELTY" DOLLS

Exclusive Manufacturers

"SISTIEWINKS"

The Almost Human Doll

Winks, claps hands, nods her head, and acts like real baby.

POPULAR PRICED DOLLS
for Jobbers, Chain Stores, etc.

Complete Line on Display in
ROOM 877—HOTEL McALPIN
During the Toy Fair
I. BRAUN, ARTHUR SPERO, Representing
If unable to attend the Toy Fair samples will be cheerfully submitted.

NOVELTY DOLL & TOY MFG. CORP.
Factory and Showroom
476 Broome Street New York City
Telephone CAnal 6-1355

MASTER METAL TOYS

See These New Heavy Gauge Pull Toys

Special features—new attractions

AEROPLANES — TROLLEY CARS — MOVING VAN — RIDE-ON-TRUCKS AND OTHERS

New York City representatives and showroom

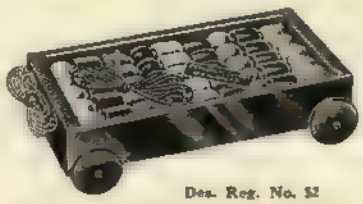
BLOCK HOUSE, INC., 1107 BROADWAY

LOCAL REPRESENTATIVES:

ART. H. CLARK, 125 Santa Fe Ave, Los Angeles
JOHN W. MOTT, 8008 Berkeley Rd., Cleveland
A. C. MAYER, 722 N. 67th St., Seattle
CHAS. R. LEE, Rochester
LEONARD BACON, Louisville
KEN. E. LUDER, Minneapolis

MASTER METAL PRODUCTS, INC., BUFFALO, N. Y.
In Canada: Master Metal Products, Ltd., Ft. Erie, Ontario

ATTRACTIVELY COLORED LOTS OF PLAY VALUE



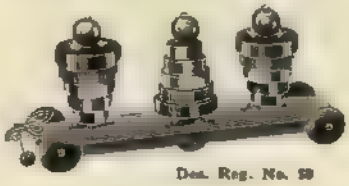
Des. Reg. No. 52

Croquet Sets, Collapsible Rack (Reg. No. 207) — 10 Pins — Skill Ball — Pastry Sets.

Des. Reg. No. 48

"RAINBOW" Pre-School Toys
Trade Mark Reg.
Retail 25c to $1.00

BEAUTIFULLY BOXED LOTS OF EYE APPEAL



Des. Reg. No. 59

Miniature Clothes Pins—Bird Birthday Candle Holders (Des. Reg. No. 80)—Golf Tees

NEWTON & THOMPSON MFG. CO., Brandon, Vt. — New York Office: 200 Fifth Ave.

BILL MEHLHORN GOLF CLUBS

LATEST 1935 MODELS DESIGNED BY BILL MEHLHORN

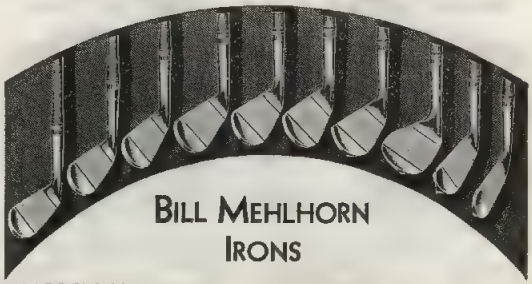
The Woods are Medium Size of the Latest Professional Model —Plain Face —Rich Brown Finish—Scroll Sole Plate
Steel Shaft with Light Mahogany Grained Sheaths and 3-inch Black Sleeve—Full Grained Calf Skin Grips, Topped with Hillroid Tips

CORRECTLY WEIGHTED AND BALANCED

Nos.	MEN'S STEEL SHAFT — RIGHT HAND	Each
M11	Driver	$9.00
M12	Brassie	
M13	Spoon	

MATCHED SET OF DRIVER, BRASSIE AND SPOON
CORRECTLY MATCHED IN WEIGHT, LENGTH AND BALANCE

No. MW —One Set in a Box . . Per Set **$28.50**



BILL MEHLHORN IRONS

NEW 1935 MODELS WITH WINGED SOLE DESIGNED BY BILL MEHLHORN

Chromium Plated Heads—Punch Dot Marking—Steel Shaft with Light Mahogany Grained Sheaths and 2-inch Black Adapters
Full Grained Calfskin Grips Specially Treated and Tipped with Hillroid Tips

CORRECTLY WEIGHTED AND BALANCED

MEN'S STEEL SHAFT — RIGHT HAND

Nos.		Each
M2	Mid Iron	$7.30
M3	Mid Mashie	
M4	Mashie Iron	
M5	Mashie	

Nos.		Each
M6	Spade Mashie	$7.30
M7	Mashie Niblic	
M8	Niblic	
M10	Putter	

MATCHED SET OF IRONS CONSISTING OF MID IRON, MASHIE, MASHIE NIBLIC, NIBLIC AND PUTTER
CORRECTLY MATCHED IN WEIGHT, LENGTH AND BALANCE

No. BM5 —One Set in a Box . . . . . Per Set **$34.50**

LO-SKORE WOODS

Steel Shafts with Light Grained Walnut Finish and Three inch Black Sleeve, Topped with White Band at Hosel; Excellent Calf Grips Topped with Special Tips.

Model "A"

Large Deep Faced Head, Finished in Deep Mahogany with Natural Stripe, Plain Face and Back.

No. LA11—Driver, Right Hand
No. LA12—Brassie, Right Hand
No. LA13—Spoon, Right Hand

Each **$7.50**

Model "E"

Compact Type of Head with Ebony Black Finish and Natural Stripe, Black Insert With Fancy Bull's-Eye in Colors.

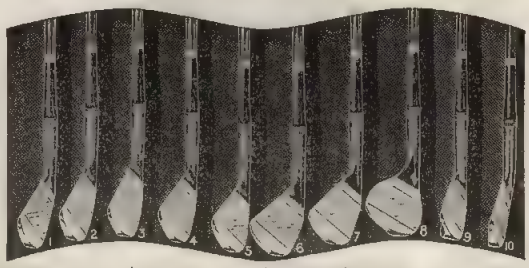
No. LE11—Driver, Right Hand
No. LE12—Brassie, Right Hand
No. LE13—Spoon, Right Hand

Each **$8.50**

LO-SKORE IRONS

Carbon Steel Heads, Full Chromium Plated With Regular Punch Dot Scoring.

Excellent Calf Grips, Topped With Special Tips.



Steel Shafts With Light Grained Walnut Finish and Black Adapter, Topped With White Band.

No. LS2—Mid Iron, Right Hand
No. LS3—MidMashie, Right Hand
No. LS4—Mashie Iron, Right Hand
No. LS5—Mashie, Right Hand

Each **$6.30**

No. LS6—Spade Mashie, R. Hand
No. LS7—Mashie Niblic, R. Hand
No. LS9—Approach Putter, R. H.
No. LS10—Putter, Right Hand

Each **$6.30**

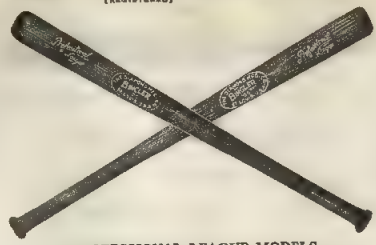
MATCHED SET OF LO-SKORE STEEL SHAFT IRONS Per Set

No. LSM5—Set of 5 Clubs; One Each Nos. 2, 5, 7, 8 and 10 . . . . . **$32.20**

One Set in a Box

Lengths: 1 Star, Short; 2 Stars, Medium; 3 Stars, Long; 4 Stars, Ladies'. 2 Stars or Medium Length Always Shipped Unless Otherwise Specified.

SHAPLEIGH'S *BINGLER BASEBALL BATS (REGISTERED)



Bingler Bats are the Combined Results of Suggestions of Some of the Big Leagues Expert Batters; They Embody All the Good Features Essential to Hard and Scientific Work; Their Driving Power is Unsurpassed; Used by Professional Ball Players and Wherever the Best is Wanted.

We Use Nothing but the Best Selected Straight Grained Thrifty Growth Ash; Open Air Dried and Thoroughly Seasoned Before Turning; All Timber is Hand Split (Not Sawed), Thereby Preserving a Continuous Grain: Each Bat Hand Turned to Gauge.

PROFESSIONAL LEAGUE MODELS

Oil Tempered Finish; Assorted Lengths, 32 to 36 inches; Stamped on Handle Butts; Average Weight per Dozen, 36 lbs.

Nos.	Authentic Reproduction in Contour, Balance and Proportions of the Bat Used by	Per Dozen
102	Jimmy Foxx	$30 00
103	Joe Medwick	30.00
108	Babe Ruth	30 00

Nos.	Authentic Reproduction in Contour, Balance and Proportions of the Bat Used by	Per Dozen
112	Chuck Klein	$30.00
114	Rogers Hornsby	30.00
116	Lou Gehrig	30.00

One Dozen in a Carton; Three Dozen in a Crate

BINGLER BAT ASSORTMENTS

Per Assortment

No. BA—Assortment Consists of Two Each of the Above Bats; Assorted Lengths and Finishes; Weight per Assortment, 28 lbs..... $30.00

BASEBALL BATS

SHAPLEIGH'S *DIAMOND BRAND "QUALITY COUNTS"

DIAMOND BRAND Bats are the Combined Results of Suggestions of Some of the Big Leagues Expert Batters; They Embody All the Good Features Essential to Hard and Scientific Work; Their Driving Power is Unsurpassed; We Use Nothing But the Best Selected Straight Grained Thrifty Growth Ash; Open Air Dried and Thoroughly Seasoned Before Turning; All Timber is Hand Split (Not Sawed), Thereby Preserving a Continuous Grain, Each Bat Hand Turned to Gauge; Used by Professional Ball Players and Wherever the Best is Wanted.

SHAPLEIGH'S *SAFE HIT

First Quality Ash; Dark Brown Walnut Stained Finish; Highly Polished; Assorted Lengths, 32 to 36 inches.

Per Dozen

No. 76—Weight per Dozen, 28 lbs..... $24.00

Twelfth Dozen in a Paper Bag; One Dozen in a Carton

SHAPLEIGH'S *SURE GRIP

First Quality Ash; Golden Oil Finish; Nicely Polished; Taped Handle; Assorted Lengths, 32 to 36 inches.

Per Dozen

No. 80—Weight per Dozen, 28 lbs..... $19 20

Twelfth Dozen in a Paper Bag; One Dozen in a Carton

SHAPLEIGH'S *SEMI-PRO

First Quality Ash, Black Burnished Finish; Highly Polished; Taped Handle; Handle Butt, Natural Color; Assorted Lengths, 32 to 36 inches.

Per Dozen

No. 56—Weight per Dozen, 28 lbs..... $19 20

Twelfth Dozen in a Paper Bag; One Dozen in a Carton

SHAPLEIGH'S *MAJOR LEAGUE

Good Quality Ash; Regulation Size; Golden Oil Finish; Nicely Polished; Assorted Lengths, 32 to 36 inches.

Per Dozen

No. 50—Weight per Dozen, 28 lbs..... $14 40

Twelfth Dozen in a Paper Bag; One Dozen in a Carton

SHAPLEIGH'S *AMATEUR

Good Quality Ash; Regulation Size; Natural Color with Burnished Surface; Nicely Polished; Lengths, 32 to 36 inches.

Per Dozen

No. 35—Weight per Dozen, 28 lbs..... $9.60

Twelfth Dozen in a Paper Bag; One Dozen in a Carton

SHAPLEIGH'S *LEAGUE

Youths' Size, For Boys 12 to 15 Years; Made of Ash; Medium Weight; Golden Oil Finish; Nicely Polished; Lengths, 32 to 34 inches.

Per Dozen

No. 33—Weight per Dozen, 20 lbs..... $8.00

Twelfth Dozen in a Paper Bag; One Dozen Assorted in a Carton

SHAPLEIGH'S *JUNIOR LEAGUE

A Junior Model Bat; Made of Ash; Light in Weight; Beautiful Medium Brown Finish; Nicely Polished.

Per Dozen

No. 30—Weight per Dozen, 20 lbs..... $4 50

Twelfth Dozen in a Paper Bag; Two Dozen in a Carton

NOTE—Regular Model Bats Can be Furnished Only to Standard Dimensions with a 2 inch Variation in Length; The Manufacturers Pack All Bats Assorted Lengths to the Dozen. The Weights Naturally Will Vary Depending on the Grain of the Wood; We Can Guarantee to Ship Only Nearest Approximate Weight and Lengths to Your Specifications.

BASEBALL BATS

CLEAN-UP

Beautifully Finished

Strong Grain

First Quality Ash; Taped Handle; Patterned After Big League Numbers

STRAIGHT NUMBERS

Per Dozen

No. CUB1 Tobacco Brown Color; Weight per Dozen, 30 lbs. **$14.40**

No. CUB2—Golden Oil Finish; Weight per Dozen, 30 lbs. **14.40**
Twelfth Dozen in a Paper Bag; Three Dozen in a Crate

ASSORTMENTS

Assortment Consists of Six Each, Tobacco Brown Color and Golden Oil Finish.

Per Assortment

No. CA—Weight per Assortment, 30 lbs. **$14 40**

Wo Do Not Break Assortments

SOFT BALL OR INDOOR BASEBALL BATS

POWERIZED

HILLERICH & BRADSBY
SUPER-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Ash; Black Finish; Powerized; Kork Grip, 2⅛ inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

No. 250E—Weight per Dozen, 20 lbs. **$30 00**
One Dozen in a Carton

HILLERICH & BRADSBY
SUPER-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Ash; Natural White Finish; Powerized; Black Zapon Grip, 2⅛ inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

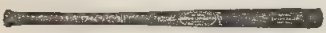
No. 125E—Weight per Dozen, 20 lbs. **$30 00**
One Dozen in a Carton

HILLERICH & BRADSBY
SUPER-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Hickory; Light Brown Finish; Gray Zapon Grip, 2¼ inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

No. 250Z—Weight per Dozen, 22 lbs. **$30.00**
One Dozen in a Carton



HILLERICH & BRADSBY
SUPREME-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Ash; Light Brown Finish; Powerized; Kork Grip, 2⅛ inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

No. 250C—Weight per Dozen, 20 lbs. **$30 00**
One Dozen in a Carton

HILLERICH & BRADSBY
SUPREME-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Ash; Natural White Finish; Powerized; Black Zapon Grip, 2⅛ inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

No. 125W—Weight per Dozen, 20 lbs. **$30.00**
One Dozen in a Carton

HILLERICH & BRADSBY
SUPREME-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Hickory; Light Brown Finish; Gray Zapon Grip, 2⅛ inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

No. 250B—Weight per Dozen, 21 lbs. **$30 00**
One Dozen in a Carton

HILLERICH & BRADSBY
MASTER-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Ash; Natural White Finish; Powerized; Kork Grip, 2 inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

No. 125K —Weight per Dozen, 20 lbs. **$30.00**
One Dozen in a Carton

HILLERICH & BRADSBY
MASTER-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Ash; Light Brown Finish; Powerized; Zapon Grip, 2 inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

No. 250A—Weight per Dozen, 20 lbs. **$30 00**
One Dozen in a Carton

HILLERICH & BRADSBY
MASTER-SLUGGER
OFFICIAL SOFT BALL BAT

Made of Hickory; Light Brown Finish; Gray Zapon Grip, 2 inches in Diameter; Assorted Lengths, 33 and 34 inches.

Per Dozen

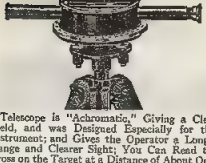
No. 250H—Weight per Dozen, 21 lbs. **$30.00**
One Dozen in a Carton

FARM LEVELS

BOSTROM

IMPROVED

With Telescope



Telescope is "Achromatic," Giving a Clear Field, and was Designed Especially for this Instrument; and Gives the Operator a Longer Range and Clearer Sight; You Can Read the Cross on the Target at a Distance of About One-Fourth of a Mile, in any Direction, thus being Enabled to Cover a Scope of One-half Mile, as the Turret Carrying the Telescope Revolves.

The Line of Sight is Arrived at by Cross Hair Lines Set in the System of the Magnifying Glasses in the Telescope, and which Cannot be Dislodged or Destroyed. The Turret Carrying the Telescope and Bubble Revolves so that the Telescope may be Pointed in any Direction Desired, without the Necessity of Readjusting the Level.

. Rod and Target Composed of a Telescopic or Sliding Target Rod, with Thumb Screw for Securing in any Position and is Graduated to Feet, Inches and One-fourth of an inch, Telescoping to Five Feet when Closed, and to Nine and One-half feet when Extended, the Target is Sliding and of the Usual Form.

Plumb Bob Included which Adapts the Lever to the Use of Architects, Contractors and Builders.

The Tripod is Composed of Three Wooden Legs and Head Receiving the Adjusting Head, Which Supports the Face Plate.

Adjusting Head is Screwed on to the Tripod and Carries Three Adjusting Screws for the Adjustment of Face Plate and Level to a Perfectly Horizontal Position. Face Plate is Attached to the Adjusting Head by a Screw and Strong Spring which Presses the Face Plate Firmly Against the Ends of Three Adjusting Screws, and at the same time Insures a Flexible Joint, so that the Face Plate can Adjust Itself to any Position. For the Purpose of Obtaining any Angle Desired, this Face Plate has a Graduated Circle, Divided into 360 Degrees, Numbered from Zero to 90 Degrees in Both Directions, Giving Zero Points on Opposite Sides of the Circle.

Farm Level Complete with Level, Telescope, Target and a Plumb Bob, all Packed in a Neat Wood Box; Tripod and Sliding Target Rod Wrapped.

	Each
No. F2—Weight Each, 11 lbs. ..... One in a Box	$34 40

LEVELING STANDS

STANLEY

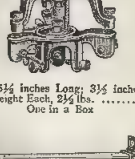
For Wood, Iron or Aluminum Levels

Used With a Level and a Pair of Level Sights; For Ordinary Work it Makes a Very Satisfactory and Inexpensive Substitute For the More Expensive Surveyor's Instruments.

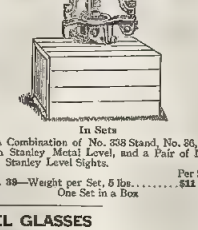
With this Stand One Can Determine Levels From a Given Point to Another, When Locating or Setting Profiles for Foundations, Determining Grades for Drains, Ditches, etc.

Can be Used on Any Reasonably Flat Surface Such as Box or Wall; The Swivel Part of the Stand Can be Made Exactly Level by Means of Adjusting Screws; It Can Also be Fastened to a Stake or Crow Bar and Adjusted to a Horizontal Position Even Though the Support May Not be Exactly Perpendicular.

All Parts Made of Malleable Iron, Nickel Plated.



	Each
No. 338—5½ inches Long; 3½ inches Wide; Weight Each, 2¼ lbs. ..... One in a Box	$5 00

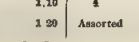


In Sets

A Combination of No. 338 Stand, No. 36, 12 inch Stanley Metal Level, and a Pair of No. 128 Stanley Level Sights.

	Per Set
No. 38—Weight per Set, 5 lbs. ..... One Set in a Box	$11 00

PLUMB AND LEVEL GLASSES



PROVED GLASSES

Sold Only in Full Boxes of One Dozen

Each Glass is Marked at its Central or Crowning Point by Two Enameled Lines, Enabling the User to Very Quickly Center the Bubble.

Lgth., Ins.	Weight per Dozen, lb.	Weight per Gross, lbs.	Per Dozen
1½	⅞	2½	$0 95
1¾	1	2¾	1.00
2	1¼	3	1.10
2½	1⅝	4	1 20

Lgth., Ins.	Weight per Dozen, lb.	Weight per Gross, lbs.	Per Dozen
3	2½	4½	$1 25
3½	1½	6	1.70
4	1½	6½	1 80
Assorted	1⅝	4	1.20

One Dozen in a Box

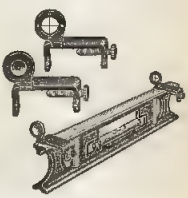
LEVEL SIGHTS

SAND'S

Aluminum

Die Cast, Therefore Absolutely Accurate; Designed for Use on Any Sand's Level, Whether Wood or Aluminum, Excepting Pocket Models; Convenient for Accurately Leveling from One Point to Another, Even at a Considerable Distance Away; Quickly Detached When Not in Use; Width Inside, 1¼ inches.

	Per Dozen Pair
No. 510—Weight per Dozen Pair, 2¼ lbs. Twelfth Dozen Pair in a Box	$16 00



STANLEY

They Can be Attached to Any Level, for Leveling from One Given Point to Another a Long Distance Away; When Not in Use the Level Sights are Easily Detached, and Can be Packed Away in a Small Space, for Future Use; For Use on Wood, Iron or Aluminum Levels.

	Per Dozen Pair
No. 138—Weight per Pair, 4 ozs.; Weight per Dozen Pair, 3¾ lbs. ..... Twelfth Dozen Pair in a Box	$22 80

SAND'S

Made of Brass, 2¾ inches Long by ½ inch Wide.

To Attach: Cut Groove ⅛ inch Deep by ⅝ inch Wide in Both Ends of Level. Place Level Sights with Crosshair and Peephole Ends Exactly ½ inch Above Level Face: Place Screws in Extreme Bottom End of the Slots and Tighten Just Enough to Prevent Sights from Moving when Slid to Up or Down Position.

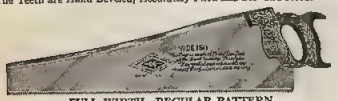
	Per Dozen Pair
No 512—Weight per Dozen Pair, ¾ lb Twelfth Dozen Pair on Display Card	$4 00

TRADE MARK REGISTERED SHAPLEIGH'S DIAMOND EDGE *DIAMOND EDGE IN THE U. S. PAT. OFFICE

HAND, PANEL AND RIP SAWS

THE SUPERIOR POINTS OF *DIAMOND EDGE* SAWS

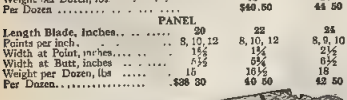
DIAMOND EDGE Hand Saws are Made of the Finest Quality Crucible Alloy Hand Saw Steel. **Grinding**—At the Hump the Blade is Stiff to Prevent Buckling; from the Hump to the Point the Blade is Taper Ground Until it is Four Gauges Thinner on the Back than on the Teeth. Therefore *DIAMOND EDGE* Saws Need Less Set and are Easy Running. **Hang**—Each Handle is Individually Fitted to the Blade, the Shape of the Handle Gives the Blade a Thrust an Inch and a Quarter Deeper than Usual; the Kidney Shaped Grip Gives Natural Position to the Fingers. **Smithing**—Each Blade is Accurately Tensioned so that it Will Cut True. **Temper**—Scientifically and Mechanically Correct, Thereby Eliminating Frequent Refitting. **Filing**—The Teeth are Hand Beveled, Accurately Filed and Set and Needle Pointed, Making *DIAMOND EDGE* Saws Fast Cutting with Little Effort.



FULL WIDTH—REGULAR PATTERN
No. DE150—Skew Back

Full Carved Applewood *DIAMOND EDGE* Handle; Finished with New Weatherproof Lacquer; Five Brass Screws in Rip and Hand Saws; Four Brass Screws, in Panel Saw.

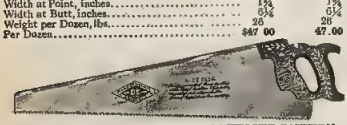
	HAND	
Length Blade, inches		26
Points per inch		6,7,8,9,10,11
Width at Point, inches		2¼
Width at Butt, inches		7⅛
Weight per Dozen, lbs.		24
Per Dozen		$44 50
	RIP	
Length Blade, inches	22	26
Points per inch	7	5,5½,6
Width at Point, inches	1¾	2¼
Width at Butt, inches	5¾	7⅛
Weight per Dozen, lbs	18	24
Per Dozen	$40.50	44 50
	PANEL	
Length Blade, inches	20	22	24
Points per inch	8, 10, 12	8, 10, 12	8, 9, 10
Width at Point, inches	1⅝	1¾	2⅛
Width at Butt, inches	4⅝	5¾	6½
Weight per Dozen, lbs	15	16½	18
Per Dozen	$38 30	40 50	42 50



THREE QUARTER WIDTH LIGHT WEIGHT PATTERN
No. DE134—Skew Back

Full Carved Applewood *DIAMOND EDGE* Handle; Finished with New Weatherproof Lacquer; Five Brass Nickel Plated Screws in Hand and Rip Saws.

	HAND	RIP
Length Blade, inches	26	26
Points per inch	7, 8, 9, 10	5½,6
Width at Point, inches	1¾	1¾
Width at Butt, inches	6¾	6¾
Weight per Dozen, lbs	26	26
Per Dozen	$47 00	47.00

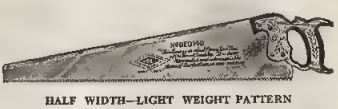


THREE QUARTER WIDTH—LIGHT WEIGHT PATTERN
No. DE0134—Straight Back

Full Carved Walnut *DIAMOND EDGE* Handle, Finished with New Weatherproof Lacquer; Five Brass Nickel Plated Screws in Hand and Rip Saws.

	HAND	RIP
Length Blade, inches	26	26
Points per inch	7, 8, 9, 10	5½, 6
Width at Point, inches	1¾	1¾
Width at Butt, inches	6¾	6¾
Weight per Dozen, lbs	26	26
Per Dozen	$47.00	47.00

All Above, Third Dozen Straight Sizes in a Box



HALF WIDTH—LIGHT WEIGHT PATTERN
No. DE0140—Narrow Blade; Straight Back

Full Carved Applewood *DIAMOND EDGE* Handle; Finished with New Lacquer; Five Brass Screws in Rip and Hand Saws;

	HAND	RIP
Length Blade, inches	26	26
Points per inch	7,8,9,10,11	5½, 6
Width at Point, inches	1¾	1¾
Width at Butt, inches	6¾	6¾
Weight per Dozen, lbs	22½	22½
Per Dozen	$44 50	44 50

Third Dozen Straight Sizes in a Box

HALF WIDTH—LIGHT WEIGHT PATTERN
No. DE140—Narrow Blade, Skew Back

Full Carved Applewood *DIAMOND EDGE* Handle, Finished with New Weatherproof Lacquer; Five Brass Screws in Rip and Hand Saws.

	HAND	RIP
Length Blade, inches	26	26
Points per inch	7, 8, 9, 10	5½, 6
Width at Point, inches	1¾	1¾
Width at Butt, inches	6¾	6¾
Weight per Dozen, lbs	21½	21½
Per Dozen	$44 50	44 50

Third Dozen Straight Sizes in a Box

FULL WIDTH—REGULAR PATTERN
No. DE155—Straight Back

Plain Applewood Handle; Finished with New Weatherproof Lacquer; Four Brass Screws.

	HAND
Length Blade, inches	26
Points per inch	7, 8
Width at Point, inches	2¼
Width at Butt, inches	7⅛
Weight per Dozen, lbs.	26
Per Dozen	$43.70

Third Dozen Straight Sizes in a Box

Note—All *DIAMOND EDGE* Saws are Carefully Packed in Soil-proof Boxes with Reinforced Ends which Never Become Shopworn or Unsightly; Labels that Suggest Quality; Hint Slips that Say to the Prospective Purchaser What the Clerk Ought to Say; a Rustproof Wrapper, which Insures the Saw Reaching the Mechanic in the Same Perfect Condition in Which it Left the Maker's Hand. Each Saw Equipped with a Tag, Giving Information How to File and Set.

ARCY DOLLS

Visit Our
New Showroom
Room 554
FIFTH AVE. BLDG.
SILAS BERLIN
Director of Sales in Charge

Our new 1935 Line is sure to interest every buyer who wants the utmost in *Style, Quality* and *Value* in popular-priced dolls.

ARCY TOY MFG. CO., Inc.
564 BROADWAY NEW YORK

BOATS

NEW—FAST SELLING
Illustrated Catalog on Request
TILLICUM SALES CORPORATION
Room 453
200 FIFTH AVENUE NEW YORK CITY

If you can't find the toy you're looking for, write PLAYTHINGS, 381 Fourth Avenue, New York. We keep complete records of all toy department merchandise.

TOM MIX
COWBOY PLAY SUITS
and ACCESSORIES

The best advertised and most highly publicized line in the market. TOM MIX is now playing and booked for two years in his own Circus; a sensational, 15-episode super-serial moving picture, "The Miracle Rider" is about to be released and a "Tom Mix" program is being nationally broadcast over 26 big stations, three times a week.

Be Sure to See This Line!

Manufactured Exclusively by
BRAUER BROS., INC.
817 N. 17th Street St. Louis, Mo.

New York Office, 200 Fifth Avenue
Room 351 Louis J. Friedel

ZOO *Lifelike* ANIMALS

Featuring a Beautiful Assortment of
ALPACA WASHABLE ANIMALS
In Conjunction With a Complete New Line of
QUALITY FUR TOYS

Visit Our
TOY FAIR
DISPLAY
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WILLIE TANNENBAUM
Representing

Zoo Novelty mfg. co. inc.
Lifelike animals
FACTORY AND SHOWROOM: 12-14 WEST 21st STREET, NEW YORK

EXCLUSIVE LINE
OF
TOY MOVIE FILMS
OF THE BETTER KIND
FOR
MANUFACTURERS - JOBBERS - EXPORTERS
COMPLETE STORIES FROM 5 FEET UP.
FILMS THAT PARENTS WILL WANT CHILDREN TO HAVE.
COMEDIES — SPORTS — CARTOONS
Animals—Plant Life—National Parks—Children of the World—Celebrities—Historical—Scientific—Educational—Dances—Travel—Fairy Tales—War—Movie Stars—Drama—Western.
CINEQUE LABORATORIES
123 West 64th Street New York, N. Y.

COMMONWEALTH STUFFED TOYS

Made by Fur Experts
A popular priced quality line suitable for every class of trade.
An inspection of our line will convince you that we have animals of quality
COMMONWEALTH
TOY & NOVELTY CO.
28 West 27th St., N. Y. C.
Telephone MUrray Hill 4-4158

ELKLOID NOVELTIES
DOMINOES
DICE
MORE THAN JUST SPOTS!
ELK BRAND DOMINOES show their color, style, and SALES APPEAL by actually MOVING on your Display Counters. Obtainable in regular and midget sizes with regular spot or playing card faces. Special orders promptly filled for Game Manufacturers.
THE ELKLOID CO. PROVIDENCE, R. I.

The Value of a Stock Control Plan

(*Continued from page 200*)

merchandise are concerned. The system used by most stores today is the sticker system. This system is absolutely fool proof. One thing certain is that there will never be a dissatisfied customer because of over-selling on an item. The proper procedure when using this method is first to instruct the head of stock, or the cashier if a small store, not to honor any sales checks unless a gummed label is attached to it. The control book with the gummed labels is attached to the floor sample and at the close of each sale the salesperson tears a sticker off at the perforation. The sticker system not only keeps an accurate control for the buyer, but also enables the salesperson to know how much of the merchandise is left in stock. This system may be applied to juvenile furniture, autos, scooters, velocipedes, outdoor play apparatus and other large and bulky merchandise.

Toy dealers will find that it pays to have a knowledge of what items are selling and what items are not. In order to show a profit it is necessary that business be carried on with the utmost of efficiency.

Opportunities to Promote Sales Suggested by "The Little Colonel"

SHIRLEY TEMPLE'S newest picture, "The Little Colonel," which is being acclaimed by New York critics as another of the little star's masterpieces, offers an opportunity to toy dealers to promote sales. Already Shirley Temple dolls in colonial costume have made their appearance in the stores, as have also Little Colonel dolls. The public's reception of these two dolls has been highly satisfactory. Dealers in communities where this picture will be shown should arrange a tie-up with the local theater. Signs advertising the picture could be shown in the toy store, while displays of the dolls could be made in the lobby of the theater.

Macy's, in New York City, recently installed a "Little Colonel" window, in which were included dresses similar to those seen in this picture, books of "The Little Colonel," and Shirley Temple dolls in colonial costume. A sign in the window, near the dolls, carried the information that they were on sale in the toy department on the fifth floor.

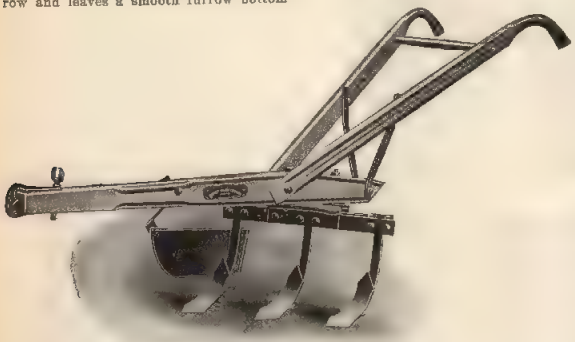
AMERICAN TOYS
FOR
AMERICAN CHILDREN

CULTIVATORS

BRINLY RASTUS

Especially designed to kill the toughest weeds while cultivating the tenderest of plants. Particularly adapted for use in corn, cotton and tobacco.

The shovels have a special twist which sifts a fine mulch to the plants, throws the weeds and clods to the center of the row and leaves a smooth furrow bottom



WITH WOOD BEAM

For Cotton, Corn, Tobacco and Vegetables

The Brinly "Rastus" cultivator is universally considered the best implement of its kind, and is extensively used in the cultivation of cotton, corn and tobacco.

A very satisfactory cultivator for truck gardens and any crop planted in rows.

Beam is 4 ft. long, 2¼ in. wide, 3½ in. thick at widest point and 2 in. at clevis end.

Standard and Frame are made of high carbon steel and will neither bend nor break. Standards are 1 in. square.

Blades are made of crucible analysis steel and are so shaped that they throw all clods and grass to the middle of the row and sift loose dirt to the growing plant

Fenders are adjustable to position and will rise and float over obstructions.

Handles are adjustable to suit operator.

	Each
No. RWB3—Complete with three 3 in. reversible blades and oscillating fender; weight each 19 lbs	$15.75

Open stock.

WITH STEEL BEAM

For Cotton, Corn, Tobacco and Vegetables

Especially designed to kill the toughest weeds while cultivating the tenderest plants

The shovels have a peculiar twist which sifts a fine dust mulch to the plants, throws the weeds and clods to the center, and leaves a smooth furrow bottom, which prevents soil from washing, even on the hillsides.

Guaranteed to be the best one-horse cultivator for cotton, corn and other Southern crops.

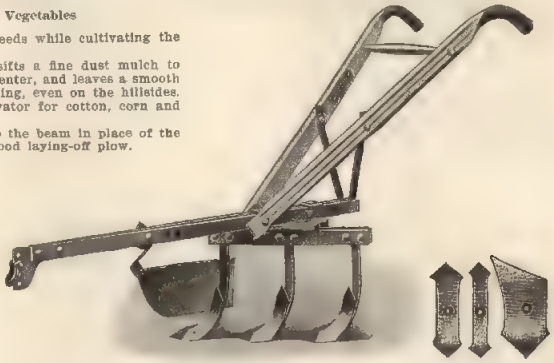
A single shovel bottom may be attached to the beam in place of the regular cultivating bottom making Rastus a good laying-off plow.

Steel Beam -Split beam construction.

Standard and Frame—High carbon steel.

Blade—High grade steel, well polished.

Handles—Adjustable to suit operation and are interchangeable.



	Each
No. RSB3—Complete with three 3 in. reversible blades and oscillating fender; weight each 55 lbs.	$16.80

Open stock.

EXTRA PARTS FOR BRINLY "RASTUS" CULTIVATORS

	Each
Extra Fender—For Nos. RWB3 and RSB3 cultivators	$2.25
1¼ Inch Blade—For Nos. RWB3 and RSB3 cultivators	.36
2 Inch Blade—For Nos. RWB3 and RSB3 cultivators	.45
3 Inch Blade—For Nos. RWB3 and RSB3 cultivators	.48
4 Inch Blade—For Nos. RWB3 and RSB3 cultivators	.60

Open stock.

OIL DELIVERY CANS

McDONALD

Indestructible

Screw top, heavily reinforced bottom. Will stand all kinds of abuse.

The screw cover eliminates all possibility of leaking and spilling.

Made of 18 ga. open hearth steel reinforced at all points of strain. Handles welded to breast of can.

Each can provided with adjustable gauge registering accurate measurement.

Each

No. 862—Cap. 5 gals., wt. each 15½ lbs. $11.25

Open stock.

TRUCK TANK BUCKETS

McDONALD

Extra Heavy

Made of heavily coated No. 24 gauge ternes throughout. Body is specially reinforced and ears are riveted to breast with four heavy rivets, then soldered as an extra precaution.

All buckets are inspected and sealed.

Each

No. 2711-M—Cap. 5 gals.; wt. each 8½ lbs. $10.80

Open stock.

SAFETY CANS

"PROTECTION"

Non-Explosive Heavy Gauge Steel Red Enameled

Designed for the storing and handling of all volatile or explosive liquids, such as gasoline, naptha, benzine, turpentine, ether, ammonia, alcohol, etc.

Safety device is constructed entirely of cast brass to prevent corrosion, and is riveted to top of can.

Spout cap is controlled by an indestructible coil spring. Spout opening 1⅞ in. Position of opening device in the handle acts as a lever and makes these cans the easiest to handle and pour.

Nos.	1D	3D	5D
Cap., gals.	1	3	5
Cans in carton	6	2	1
Wt. carton, lbs.	19	15	10
Each	$0.00	10.50	16.50

GASOLINE AND OIL CANS

EAGLE TWO-IN-ONE

Detachable Flexible Spout, "Handy-Grip" Cap

Flexible spout may be removed—can then becomes a regular container for gasoline or oil. When detached, flexible spout is held in place on top of can by means of convenient holders.

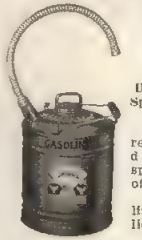
One-piece, 24-gauge steel bodies—no seams. Breast and body acetylene welded together. Threaded collar, stationary spout and ears welded to breast.

Length of flexible spout 18 inches, diameter 1¼ inches.

Nos.	82½	85
Cap., gals.	2½	5
Height, in.	9½	15¾
Diam., in.	11¼	11¼
Wt. each, lbs.	6	8
Each	$0.90	11.55

One-quarter dozen in a carton.

EAGLE EMERGENCY



Detachable Flexible Spout, "Handy-Grip" Cap.

For emergency or regular filling. When detached, flexible spout is held on top of can by brass clips.

For handling gasoline, oil and other liquids.

Red enameled galvanized steel, stenciled "Gasoline."

Each

No. 5—Cap. 5 gals., length spout 18 in., diam. spout 1 in.; wt. each 5½ lbs. $5.25

One-third dozen in a carton.

WEAVER SAFETY SERVICE

Flexible Steel Hose Screw Cap

Tapered nozzle on hose makes can practically air-tight when inserted in vent in screw cap.

Red enameled heavy, galvanized iron, strengthened by horizontal ribs. Bottom reinforced to prevent leaks.

An easy, safe way to handle gasoline and oil in the shop or carry an emergency supply on service car. Each

No. WE11—Cap. 5 gals., length hose 24 in.; wt. each 8 lbs. $14.85

Open stock.

Prices on this Page are our List.

OIL MEASURES

BROOKINS "ALL-IN-ONE"

Heavy metal, copper plated and polished.

Flexible detachable metal spout and rigid nozzle reaches almost inaccessible crankcase filler openings. Patented side outlet bottom. Improved edge at bottom, prevents collection of dirt and aids in keeping equipment clean. Valve provided to start and stop flow of oil at will, controlled by thumb lever at top of handle—valve may be locked open if desired. Non-spill top.

Nos.	0101	0102	0104	0105
Cap., qts.	1	2	4	5
Wt. pkg., lbs.	14	17½	23	25½
Each	$6.30	7.50	9.45	10.80

One-half dozen in a unit package.

BROOKINS COMBINATION

Galvanized, with Funnel and Lip, U. S. Standard—Legal

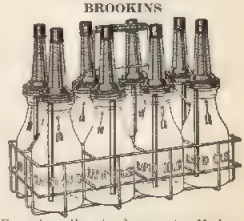
Lip for pouring in large openings, funnel spout for pouring in small openings.

Nos.	511	512	514
Cap., qts.	1	2	4
Wt. pkg., lbs.	9½	13½	27
Each	$1.86	2.40	2.91

One dozen in a unit package.

OIL DISPENSERS

BROOKINS



Exceptionally sturdy spouts. Made entirely of lock seamed construction. No soldered joints. Bottle of 24 ounce tough annealed clear glass shaped for easy handling. Carrying crates made by electric welding. Tinned after fabrication.

Each

No. 80—Complete with 8 bottles, spouts, caps and carrying crate; wt. each 19 lbs. $9.45

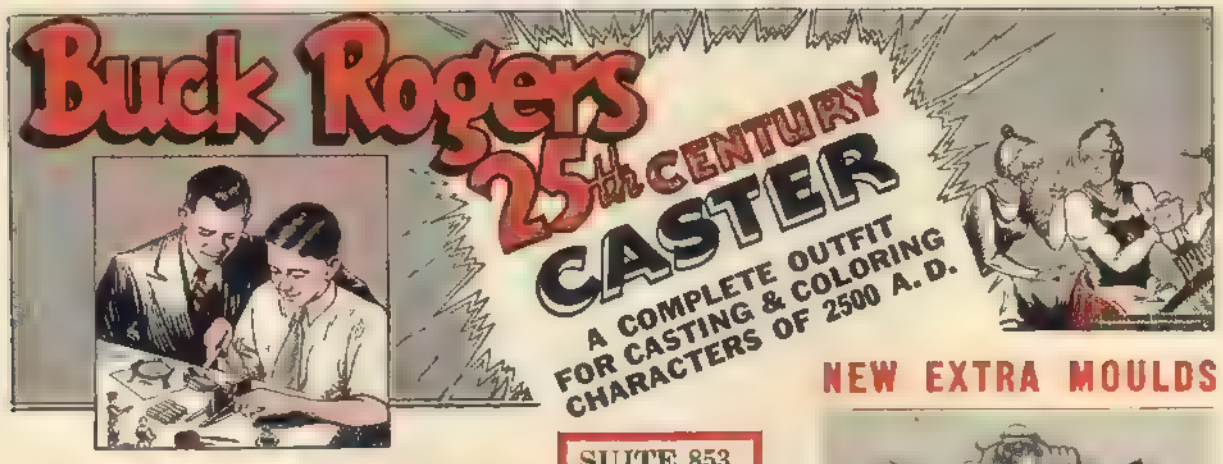
Per dozen

No. 85—Glass bottles with spouts and caps; wt. dozen 25 lbs. $9.45

No. 25—Spouts and caps; wt. per dozen 3 lbs. 4.95

No. 90—Spout caps 1.26

One dozen in a carton.



SUITE 853
McALPIN

Fascinating—Educational

● Everywhere, you'll find thousands of boys are taking up Junior Casting to test their skill at moulding, and to earn their own spending money. That is why Junior Caster and Buck Rogers Caster Sets can be highly profitable to you.

Eye-Appeal

In the Buck Rogers Outfits, the brilliant box cover with its fascinating color comic strip demands instant attention from its position on counter, shelf or in the window. Every article in the box is substantial and valuable looking . . . sample figures in the bigger sets are brightly colored.

Customers Come Back for Moulds

Repeat business is profit business . . . without sales effort. Almost without exception . . . owners of Junior Caster or Buck Rogers Caster Outfits come back for additional moulds and casting supplies. This is quick, profitable business, that runs into substantial sums.

● Buck — Wilma — Killer Kane, Extra Mould

Nationally Known

Buck Rogers is in the papers every day and Sunday. Buck Rogers is on a National Radio hook up. Buck Rogers Caster advertisements in full color pages appear in leading national magazines for boys. These are the reasons for the big demand. You can always be sure that customers will recognize Buck Rogers Casters immediately as the "real thing."

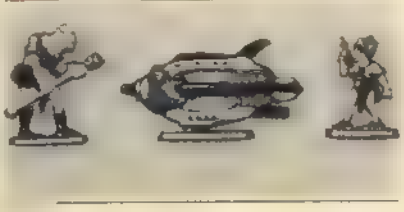
Rapaport Bros.
701 W. Ohio St., Chicago
San Francisco 718 Mission Street
OTTO ERLACH

See Recent Advertisements

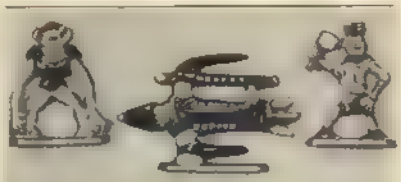
Color covers in March Open Road for Boys; April Famous Funnies and others.

NEW EXTRA MOULDS

● Tieko Man — Distintegrator — Black Barney

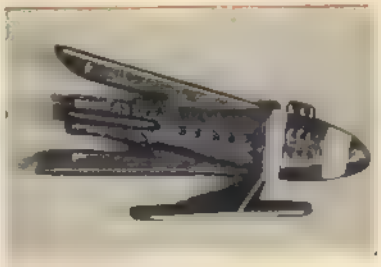


● Tiger Man — Tiger Ship — Asterite



● One-eyed Man—Interplanetary Ship—Meklcano

Other Extra Moulds



● Buck's Own Rocket Ship
● Depth Man — Buck Rogers — Dr. Huer
(Not illustrated)

Buck Rogers Caster is made by the Makers of

JUNIOR CASTER

A Scoop

HERE is the biggest sales promotion item ever offered to increase profits for you!

In our Nature Study and Painting Outfits we have combined a high quality Microscope with a complete Painting Set!

Through the use of the Microscope children become familiar with the many wonders of Nature. With our Quality Paints they reproduce what they have seen. The combination makes this Quality Outfit of educational value to children and a PROFIT-MAKER for your Toy Department.

To Retail at $1

Design Reg. No 169

Here Are Other STANDARD TOYKRAFT POPULAR PRICED PROFIT MAKERS

Tom Sawyer Painting Sets

Geographic Painting Sets

Poster Color Outfits

Little Artist Crayon Sets

Little Sculptor Modeling Sets

WRITE FOR CATALOG AND PRICES

AT THE TOY FAIR

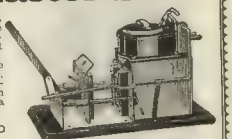
CONVENIENTLY LOCATED JUST OFF FIFTH AVENUE

STANDARD TOY

PACIFIC COAST SHOWROOM: 718 MISSION STREET

When writing to Standard Toykraft Products, Inc., will you please mention PLAYTHINGS?

Gilbert's Electric Caster Set



No. 5½ Gilbert Kaster Kit. Complete outfit for casting soldiers, animals, Indians and other lead toys and novelties quickly and easily. In one hour's time any boy can produce an entire army of soldiers, just as perfect and finished as professionally cast models. Boys make good pocket money casting and selling lead toys and novelties. Very simple to operate. Heat is applied by a built-in electric heating unit, "standardized" for use with regular cord and plug cap as used in irons, toasters, percolators, etc. Just plug into any electric outlet. It's a real die casting machine, simplified for children. Complete with one mould, 8 lead pigs, instruction manual and complete set of handling and mould cleaning tools. Extra moulds and pigs can be purchased separately. Size 10¼x6¾x6 inches.

No. 50N74. Each..... 3.30

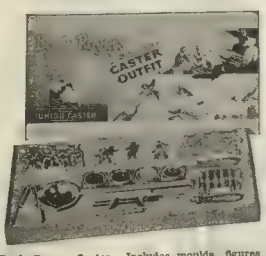
No. 1 — No. 3 — No. 6 — No. 11 — No. 8 — No. 15 — No. 2

Kaster Kit Moulds. Boys want this complete assortment of moulds. They will have hours of fun casting these different models and in no time at all a complete battle scene of Cavalry, Infantry, Army Officers, Howitzers and Planes can be made. They can also have Air and Sea Flotillas with Battleships and Planes, or a real circus parade of Indians, Cowboys and Elephants. Boy Scouts on a hike or Scouts and Infantry on parade can also be shown. 8 pigs of metal packed with each Mould—2 lbs.

No. 50N91. Per dozen, assorted..... 3.96

8 Pigs of Metal for above Moulds. Packed 8 to box.
No. 50N93. Per set of 8..... .17

Buck Rogers Caster Set



Buck Rogers Caster. Includes moulds, figures for samples, ladle, handles, lead, clamp, two cans of paint, brush, candle for smoking moulds. Lithographed box in four brilliant colors.
No. 50N118. Each..... 1.00

Buck Rogers Caster Outfit, includes Buck and his trusty Rocket Pistol, the weird Depth Man and Dr. Huer, the scientific wizard. Outfit has complete set of sample figures, complete moulds, ladle, clamp, mould handles, large supply of lead, candle for smoking moulds, four generous cans of paint and two brushes. Large box with lithographed cover in four brilliant colors.
No. 50N119. Each..... 1.67

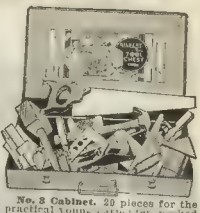
This **Buck Rogers Electric Caster** is the De Luxe Set. It includes a complete electric ladle and stand, and the largest, finest figures for moulding. Buck in a different pose, Wilma, his companion, and the villainous Killer Kane. A real action group. Set also includes complete moulds, clamp, handles, large supply of lead, candles for smoking moulds, large supply of paint in four colors, and two brushes. Lithographed box in four brilliant colors.
No. 50N120. Each..... 2.33

Buck Rogers Extra Moulds. Buck Rogers-Wilma-Killer Kane, Buck's Own Rocket Ship, Depth Man-Buck-Dr. Huer, Tiger Man-Tiger Ship-Asterite, Mekkano-One Eyed Man-Interplanetary Ship, Disentegrator-Black Barney-Ticko Man.
No. 50N121. Per dozen..... 8.00 | Each..... .67

GILBERT TOOL CHESTS

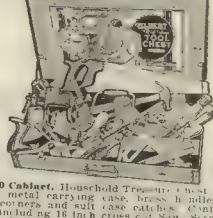
No. 1 Cabinet. The Jim Dandy. Contains 11 pieces. A varied assortment of tools for the young carpenter. Packed in red metal carrying case, with brass handle and suit case catches. Size 12¾x 8¾x2¾ inches
No. 82N18. Each..... .67

No. 2 Cabinet. Packed in red metal carrying case with brass handles. Attractive 4-color label on inside and outside cover Contains 18 useful tools Size 16x8¾x 2⅞ inches. Weight 6 lbs.
No. 82N19. Each 1.67



No. 3 Cabinet. 29 pieces for the practical young carpenter, packed in green metal carrying case with brass handles and suit case catches Attractive 4 color label on inside and outside of cover. Size 18x10x3 inches Weight 8 lbs.
No. 82N20. Each 2.33

No. 5 Cabinet. Handy Set containing 28 pieces of real practical tools -16 inch Saw, Large Brace with sturdy handle, Hammer, Plane, etc Packed in red metal carrying case, brass handles, reinforced corners and suit case catches Attractive 4 color label on inside and outside of cover. Size 20½x12½x3 inches.
No. 82N21. Each..... 3.97



No. 10 Cabinet. Household Treasure chest Packed in blue metal carrying case, brass handles reinforced corners and suit case catches Contains 57 pieces including 16 inch cross cut Saw, Scroll Saw Chisels, Drills, Plane, Metal Vise, Soldering Iron.
No. 82N26. Each..... 6.67

No. 7 Tool Bench. Bench fully assembled stands 31½ inches high 30½ inches long and 12½ inches wide When disassembled for shipping, the legs and rack fit inside of the chest which measures 29 inches long x 11 inches wide x 9 inches deep Packed with four legs and rack Has wood vise grip. The set contains 22 pieces. Big display value. Plain finish—California Redwood and Pine. Has brass end-grips and instructions for setting up Individually packed, carton weight 30 lbs.
No. 82N22. Each..... 3.30

No. 11 Tool Bench. Assembled, this chest stands 35 inches high, over all, 31½ inches long, 15¾ inches wide. When disassembled, legs and rack fit inside of the chest which measures 30 inches long x 14 inches wide x 9 inches deep Contains 26 useful tools. Has wood vise grip. Finished in red and black with brass trimmings Big value. Packed one to carton, carton weight 38 lbs.
No. 82N23. Each..... 7.50

No. 19 Tool Bench. The largest of all Gilbert Tool Benches Assembled this measures 37½ inches high, 36½ inches long x 15¾ inches wide. Knocked down and packed for shipping it measures 35x14x9 inches Contains 27 pieces including metal tool units. Outfit has electrical outfit, is for use with soldering iron which is included in the equipment Finished in red and black with brass trimmings, also has wooden vise grip Individually packed. Shipping weight 40 lbs
No. 82N24. Each..... 13.00

RIFLES.

HAMILTON.

SINGLE SHOT, BOLT ACTION.

An efficient safety device prevents it from being discharged by an accidental blow on the bolt or cocking device. Solid breech block absolutely prevents blow-backs. Heavy, unbreakable firing pin; automatic ejector; firm trigger pull; easy bolt action. Knife pattern front sight; buckhorn adjustable rear sight; Blue black all steel gun barrel. Bore is 18½ inches.

Each

No. S-147—Rifles; .22 caliber short and long; take down; length of barrel assembly when taken down, 24½ inches; length of rifle over all, 38 inches; weight, about 3 lbs.; packed in cardboard box.....**$5.80**

STEVENS.

SINGLE SHOT.

Military style full pistol grip stock, steel butt plate; large take-down screw; 22-inch round barrel, chambered for .22 short, long or long rifle, regular or hi-speed cartridges. Gold bead front sight and sporting rear sight; weight, about 4 lbs.

Each

No. S-52R—Rifles . . . . . **$7.00@**

No. S-53WRF—Rifles; same as No. 52R, except chambered for .22 W. R. F. cartridges and 24-inch barrel **8.00**

IVER JOHNSON.

SINGLE SHOT, BOLT ACTION.

.22 caliber, using short, long and long rifle cartridges; 24-inch round barrel, take-down, full pistol grip, checkered; fluted fore-arm; Patridge type front and adjustable rear sight; steel butt plate; self-cocking safety rifle; chromium plated breech bolt and trigger. weight, 4 lbs.

Each

No. S-2—Rifles.....**$8.80**

LET FARWELL -

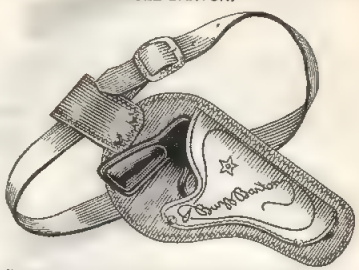
FURNISH YOU WITH HOLIDAY GOODS THAT SELL AND STAY SOLD. MAIL ORDERS GET SPECIAL ATTENTION.

GIFTS SURE TO PLEASE

WATER PISTOL AND HOLSTER SET.

REPEATER, 6-SHOT.

BUZZ BARTON.



Consists of holster, belt and Buzz Barton six-shooter.

Holster and belt made of genuine top grain leather, beautifully embossed with Buzz Barton's signature burned into face of holster. Holster proper, 8½ inches long by 6 inches wide; belt 30 inches long with nickel plated buckle.

Buzz Barton six-shooter is made of extra heavy blued gun steel, no rubber bulb or parts to get out of order. Shoots six big shots of water with one loading; weight, 7 ozs.; length, 7¼ inches.

Per Dozen

No. S-200—Pistol and Holster Sets.....**$8.00**

No. S-80—Pistols; Buzz Barton pistol without holster..... **4.00**

ROCKET PISTOL.

BUCK ROGERS.

Absolutely harmless, a faithful reproduction, even to its distinctive sound of the rocket pistol carried by Buck Rogers, 25th Century Hero of Young America.

Per Dozen

No. S-31—Rocket Pistols; 9½ inches long....**$6.40**

Easily cocked and fired, producing the same noise as the large Buck Rogers rocket pistol. Length, 7⅝ inches; each pistol bears Buck Rogers trade mark and inscriptions.

Per Dozen

No. S-35—Rocket Pistols. .**$3.60**

HOLSTERS.

BUCK ROGERS.

A real companion and a necessary one for the No. S-31 Buck Rogers rocket pistol. Made of heavy suede cloth, beautifully decorated in 3 colors with reproductions of 25 century rocket ships, planets, stars, etc. and a picture of Buck Rogers.

No. 33
BUCK ROGERS HOLSTER

Per Dozen

No. S-33—Buck Rogers Holsters; 11⅝ inches long, 11¼ inches wide; belt is 33 inches long with nickel plated buckle.....**$6.50**

AIR RIFLES.

SINGLE SHOT.

A thoroughly dependable gun, embodying the same action used in Daisy guns for years. Permanent shooting barrel insured successful operation over a long period of time. Metal parts of genuine blued, heavy gun steel. Walnut finished stock.

Per Dozen

No. S-101—Air Rifles; length, 31 inches; weight, 1 lb. 10 ozs. **$16.00**

REPEATER 500 SHOT.

A repeater with magazine holding 500 shots. A new streamline design, adding even greater beauty of design to a time-tested action. All parts in nickel finish, highly polished. Walnut finished stock.

Per Dozen

No. S-102—Air Rifles; length, 31 inches; weight, 1¼ lbs. . **$24.00**

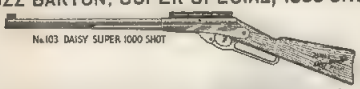
BUZZ BARTON, 1000 SHOT.

Named for and sponsored by Buzz Barton, youthful hero of the Western screen. A hard hitting gun, with accuracy insured by Daisy's new telescopic type sights. Metal parts of blued gun steel. Stock is natural finish and bears Buzz Barton's signature and typical cowboy scenes.

Per Dozen

No. S-195—Air Rifles; length, 35 inches; weight, 2 lbs. **$31.20**

BUZZ BARTON, SUPER SPECIAL, 1000 SHOT.

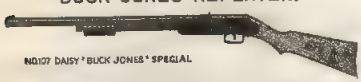


24½-inch barrel of heavy gun steel, nickel plated; telescopic type sights in non-glare gun blue for easy sighting on bright days; natural finish hardwood stock with Buzz Barton's signature and star design branded on it. New oval shape of stock gives the streamline appearance of high grade sporting arms.

Per Dozen

No. S-103—Air Rifles; length, 35 inches; weight, 2 lbs. **$40.00**

BUCK JONES REPEATER.



Compass and Sun Dial Inlaid in Stock.

26-inch barrel, with channel feed type shooting barrel which holds 60 shots. Trombone chocking action. Engraved jacket bearing Buck Jones' name. Full floating needle type compass inlaid and cemented in hardwood stock. Easy reading sun dial burned into stock. With the aid of the compass and this sun dial you can tell the time of day instantly and accurately.

Per Dozen

No. S-107—Air Rifles; length, 35 inches; weight, 2½ lbs. **$47.20**

PUMP ACTION 50 SHOT REPEATER.

A 50 shot repeater, with forced feed, permitting easy firing from the shoulder. Cocks easily by simply pulling the slide towards the stock. Adjustable rear sight and hand milled non-slip grooves on butt of its pistol grip, American walnut stock. All metal parts gun blue. Take-down model.

Per Dozen

No. S-25—Air Rifles; length, 38 inches; weight, 3¼ lbs. . . . **$63.20**

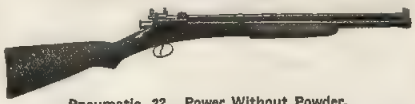
BENJAMIN SUPER SINGLE SHOT.

Breech loading, bolt action, hammer fire, hair trigger, safety. Shoots lead or steel air rifle shot. The air is compressed with a pump contained in large barrel and shooting force is adjustable according to air pressure. Four or five pumps gives maximum power. Front blade sight and rear V sight. Gun metal finish barrel. Genuine walnut turned stock with pistol grip. Take down.

Each

No. S-300—Air Rifles; length, 36 inches; weight, 3 lbs. **$8.00**

CROSMAN'S SINGLE SHOT.



Pneumatic .22. Power Without Powder.

The ideal rifle for target and small game shooting. Heavy solid walnut stock with pistol grip and steel butt plate.

Explosive force, compressed air under tremendous pressure. Blued steel barrel, round and accurately rifled for 22 caliber. Sliding bolt type action. Government type blade front sight and adjustable rear peep. Spool shaped bullets with rounded nose, ungreased. Entire stock may be removed. Capable of precision shooting on a par with any high grade fire arm. Maintains accuracy indefinitely. Velocity may be varied at will for either target or field work. Trigger pull is light and smooth without take-up or creep.

Each

No. S-P—Air Rifles; .22 caliber; length, 35 inches; weight each, 5½ lbs. **$15.00**

NEW MODEL REPEATER.

This new model is the only repeating high power air rifle made. Checkered walnut stock and fore arm, pistol grip, steel butt plate. Round fully rifled barrel; blade front sight; 25-shot repeating mechanism, simply constructed, four moving parts, no spring to wear and break.

Each

No. S-R—Air Rifles; .22 caliber repeater, 25 shots; length, 35 inches; weight each, 6 lbs. **$18.00**

PELLS.

For Crosman air rifles; spool shaped, round nose, ungreased.

Per 1000

No. S-A—Pells; for Crosman rifles. **$2.50**

500 in carton.

Dick Tracy Police Sets, Buck Rogers Pistol, Etc.

Police Set. Consists juvenile club size 9¾ inches, police badge, police whistle and handcuffs, complete in attractive lithographed box, size 5½x10½ inches.

No. 38N65. Per dozen..... 2.00

Police Set. Contains highly polished police club size 9¾ in., handcuffs, police badge, whistle and police hat with shield, all in attractive partitioned box, lithographed label, size 12½x12½ inches.

No. 38N41. Per dozen..... 4.00

Dick Tracy Police Set, has blued cap pistol, polished club, nickeled badge and whistle all in attractive set-up box with "Dick Tracy" label.

No. 38N192. Per dozen..... 2.00

Dick Tracy Police Set, has polished club, nickeled badge, whistle, handcuffs, blued cap pistol, holster and belt in set-up box with beautiful "Dick Tracy" label.

No. 38N193. Per dozen..... 4.00

Dick Tracy Police Set, has polished club, nickeled badge, whistle, handcuffs, blued cap pistol, heavy leather holster and belt with wood bullets in set-up box with beautiful "Dick Tracy" label.

No. 38N194. Per dozen..... 8.00

Dick Tracy Detective Set, has "Dick Tracy" fingerprint ink in a large tube, "Dick Tracy" detecting powder in large bottle, brush, rubber covered roller, large glass, badge and magnifying glass, all in set-up box with "Dick Tracy" detective label.

No. 38N195. Per dozen..... 4.00

Dick Tracy Detective Set, has two large tubes of "Dick Tracy" fingerprint ink, "Dick Tracy" detecting powder in large bottle, brush, rubber covered roller, large glass, badge, blued cap pistol, handcuffs and magnifying glass, all in very large set-up box with "Dick Tracy" detective label.

No. 38N196. Per dozen..... 8.00

See-O-Scope. It combines three devices in one—Periscope, Crazyscope, and Detectoscope. The Periscope permits one to see over fences, look at ball games, and to look around corners. With the Crazyscope you see things upside down, people standing on their heads, automobiles overturned, etc. Size 10 inches, packed in attractive container ready for mailing.

No. 38N183. Per dozen..... 1.85

Buck Rogers 25th Century Rocket Pistol. Startlingly New. Darnedly Different. Absolutely Harmless. A faithful reproduction—line for line—even to its distinctive sound—of the rocket pistol carried constantly by Buck Rogers, 25th century hero of young America. Never before an item with such tremendous sales possibilities. 9½ inches long. Each in futuristic colored carton.

No. 31N33. Per dozen..... 3.20

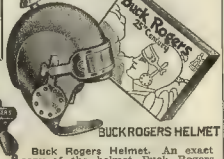
Same as above but smaller size.

No. 31N32. Per dozen..... 1.85

Buck Rogers 25th Century Rocket Pistols Sets and Helmet

Buck Rogers Holster Set consists of the famous Buck Rogers rocket pistol, and a really futuristic 25th century holster. Pistol fits snugly into holster, and is easily withdrawn. Each Buck Rogers 25th century holster set is individually boxed in an attractive carton, depicting various scenes and figures from the Buck Rogers newspaper strip. Packed each in box.

No. 38N212. Per dozen..... 6.66



BUCK ROGERS HELMET

Buck Rogers Helmet. An exact copy of the helmet Buck Rogers wears constantly—even to the ear phones, full vision eye protector, and radio antenna. Made from fine quality brown suede cloth. Eye protector, ear phones, and radio antenna made of steel, beautifully nickel plated and polished. Packed each in a beautiful colored carton. Helmet is made in 3 sizes: small, medium and large.

No. 38N213. Per dozen..... 8.50

Stamper Kraft

PICTURE PRINTING SETS

ANNOUNCES

Buck Rogers IN THE 25th CENTURY

Picture stamping sets at fifty cents and one dollar. Boys and girls stamp scenes of action including all popular characters, rocket ships, ray weapons. Stamped pictures may be cut out and colored.

Introduced last Christmas with vast success, BUCK ROGERS toys capitalize on the present huge and rapidly growing child following of the well-known comic strip and radio characters. Line up with a comic strip subject whose popularity is ON THE INCREASE, and let it make money for you.

THE SUPERIOR TYPE COMPANY

TOY FAIR DISPLAY
ROOM 458
FIFTH AVE. BUILDING

General Office and Plant
3940 Ravenswood Ave.
Chicago, Illinois

Branch Warehouse
268 Market Street
San Francisco, California

Stamper Kraft

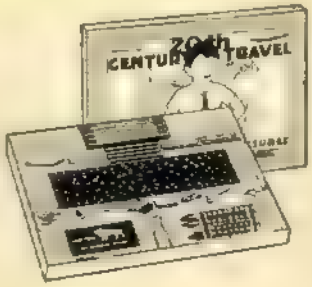
RUBBER STAMP PRINTING SETS

REVISED 1935 LINE NOW ON DISPLAY

The 1935 line of StamperKraft Rubber Stamp Printing Sets includes all popular numbers which scored big successes last season and is augmented by two

NEW NUMBERS

utilizing the popular 'Buck Rogers' comic strip characters. See reverse side of this page. Don't fail to see this up-to-the-minute line at the Toy Fair



A B C D

YEAR 'ROUND SELLERS RESULTS PROVE IT!

Remarkable sales increases shown during past holiday season have carried through first quarter of 1935. January and February reorders from jobbers department stores and dealers reached an all-time high this year. Put in a stock now and capitalize on the continuous demand for these staple items

NEW YORK DISPLAY ROOM

458 TOY CENTER — 200 FIFTH AVENUE

THE SUPERIOR TYPE COMPANY

GENERAL OFFICE AND PLANT
3340 Ravenswood Avenue
CHICAGO, ILLINOIS

BRANCH WAREHOUSE
268 Market Street
SAN FRANCISCO, CAL.

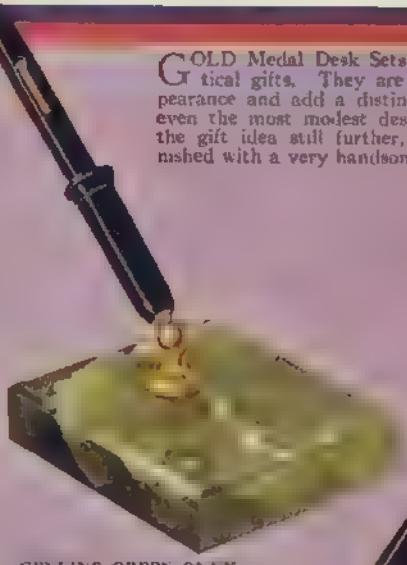
GOLD MEDAL PENS
Unconditionally Guaranteed for Life

GOLD Medal Desk Sets make very practical gifts. They are luxurious in appearance and add a distinguished touch to even the most modest desk. To carry out the gift idea still further, each set is furnished with a very handsome gift case.

PEDRARA ONYX BASE

The [illegible] mounts this [illegible] base. The pearl and black [illegible] has a Number 5 point [illegible] and [illegible] This truly [illegible] executives who [illegible]

No. 2034 ..... $18.50



GENUINE GREEN ONYX

The base is 3" x 4" in size, and the black tapered Gold Medal pen is equipped with [illegible]

No. 2134 ..... $9.25

The base of this set is genuine [illegible] black and gold marble 4" x 4" in size, [illegible] and Gold Medal pen with a Number 5 [illegible]

No. 2234 ..... $7.00

[illegible] No. 2334 ..... $5.00

This is the "GOLD MEDAL" Guarantee

[illegible] owner of every Gold Medal pen is assured by [illegible] a superior [illegible] point, [illegible] and [illegible] Gold Medal of workmanship [illegible]

OF UNUSUAL DIGNITY

This double desk set has a base of genuine imported Italian black and gold marble 4" x 8" in size. Equipped with a Gold Medal pen fitted with size 5 point. Also a [illegible] Gold Medal pencil. This set will be right at home on the desk of any professional or business man.

No. 2434 ..... $29.00

Gold Medal Pen and Pencil Combination. Made of [illegible] iridescent pearl colors. A perfect writing instrument of highest quality.

No. 2734—Pearl and Black $5.50

No. 3134—Pearl and Green $5.50

Ladies' Gold Medal Short, Slender Pens. The graceful lines of these pens will please those who demand an ultra-modern. Two [illegible] styles

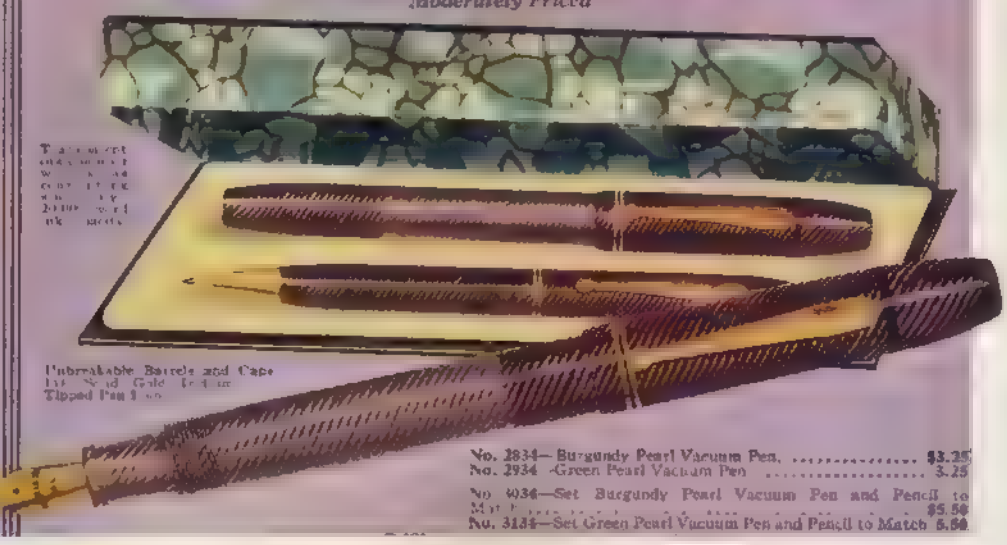
No. 2534—Jade $3.50

No. 2634—Pearl and Black $3.50

SILVER MATE VACUUM PENS—PENCILS TO MATCH

A worthy companion for the famous Gold Medal pens and pencils.

Moderately Priced



The [illegible] with [illegible] and [illegible] Unbreakable Barrels and Caps [illegible] Gold Medal [illegible] Tipped Pen [illegible]

No. 2834—Burgundy Pearl Vacuum Pen $3.25

No. 2934—Green Pearl Vacuum Pen 3.25

No. 4034—Set Burgundy Pearl Vacuum Pen and Pencil to Match $5.50

No. 3134—Set Green Pearl Vacuum Pen and Pencil to Match 5.50

GOLD MEDAL PENS
Unconditionally Guaranteed for Life

FOR THOSE WHO PREFER A SAG-LESS VACUUM PEN

This New Vacuum Wonder Pen is a true Lifetime performer. No. 5 size point. Vein Burgundy Pearl
No. 734 $5.50

Note the prismatic effect of the design.

This is the "GOLD MEDAL" Guarantee

The owner of every "Gold Medal" pen is insured for life against all expense for repairs due to defective material or workmanship.

IDEAL GIFTS

No. 1434 Set $9.50
Comprising No. 134 Pen and Pencil to Match

No. 1534 Set $9.50
Comprising No. 534 Pen and Pencil to Match

No. 1634 Set $9.50
Comprising No. 634 Pen and Pencil to Match

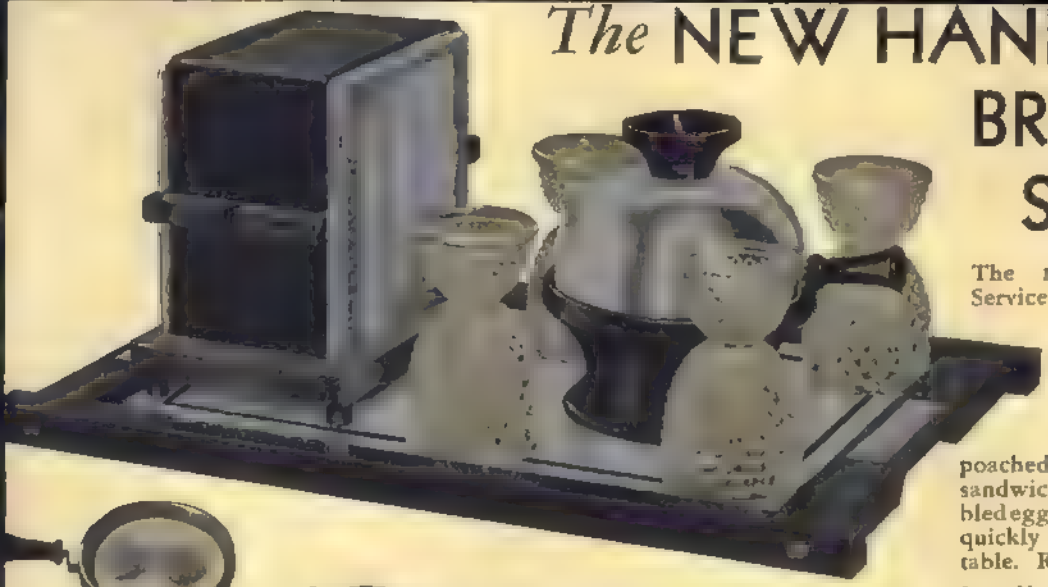
No. 1734 Set $9.50
Comprising No. 734 Pen and Pencil to Match

No. 1834 Set $9.50
Comprising No. 1334 Pen and Pencil to Match

No. 1934 Set $9.50
Comprising No. 1234 Pen and Pencil to Match

These beautiful gift boxes FREE with any set on this page.

The NEW HANKSCRAFT BREAKFAST SERVICE



The 1935 Hankscraft Breakfast Service presents a beautifully matched ensemble of two-slice oven type toaster, automatic electric egg cooker with egg poacher, crystal egg cups and distinctive service tray. It prepares delicious poached eggs on toast, toasted egg sandwiches, boiled, shirred or scrambled eggs with toast, and prepares them quickly and conveniently right at the table. Retails at $11.95.

Item No. 225E01
Less than 4, List Each... $16 53
4 or more, List Each 16.02

lew aluminum egg poacher now included with each Hankscraft egg cooker.

The best poached egg you have ever tasted--the Hankscraft way!

The DE LUXE EGG COOKER in ivory china base and cover attractively decorated in silver, boils, poaches, scrambles, shirrs, or steam fries eggs. A little water is poured in and in five seconds the eggs are cooking in live steam. Current shuts off when eggs are done. Retails at $5.50

Item No. 225E02
Less than 4, List Each $7.62
4 or more, List Each 7.38

HANKSCRAFT DE LUXE EGG SERVICE SET

The De Luxe Egg Service features a graceful new design that complements the most fastidious table service. The set includes the De Luxe Egg Cooker in ivory and silver, four beautifully matched egg cups, useful poaching attachments and chromium plated service tray. Retails at $8.50. *(Pictured above.)*

Item No. 225E03
Less than 4, List Each $11.77
4 or more, List Each..... 11.40

The SPECIAL Egg Service Set with its gleaming dome and tray set off by egg cups of sparkling hobnail crystal is strikingly attractive. It includes the special egg cooker in ivory porcelain base and metal dome, four double egg cups in hobnail crystal, egg poacher and metal service tray. Available in either copper or chrome. Retails at $6.95.

Item No 225E04
Less than 4, List Each $9.62 4 or more, List Each $9.42

The Special egg cooker ivory and chrome or ivory and copper is a very attractive four-egg capacity cooker. Place the eggs in the cooker with the proper amount of water and when the steam stops the eggs are done just right. Retails at $3.95.

Item No. 225E05
Less than 4, List Each..... $5 47
4 or more List Each 5.30

HANKSCRAFT *Automatic-Electric* APPLIANCES

For the BABY
HANKSCRAFT
Automatic Electric
BOTTLE WARMER

Quick starting, automatic self-timing, self-stopping, these are electrical appliances that are naturally appealing to modern parents for they make some of the mothers' tedious tasks amazingly simple and easy. No longer is it necessary for mother—or father—to go to the kitchen to heat baby's bottle, and no longer is the sterilizing of baby's bottles, nipples and other accessories a painstaking task.

HANKSCRAFT STANDARD BOTTLE WARMER

The new Standard Baby Bottle Warmer shown above, quickly heats baby's bottle to the correct feeding temperature, then automatically shuts off. Choice of blue or pink. Retails at $5.

Item No. 226E01
Less than 4, List Each ...$6.91 4 or more, List Each....$6.70

HANKSCRAFT JUNIOR BOTTLE WARMER

The new Junior Model Baby Bottle Warmer is smaller in size and not quite as fast as Standard Model. Heats baby's bottle, then shuts current off automatically. Heats all standard sizes of bottles. Fully guaranteed. Works on 110 volt alternating current. Choice of blue or pink. Retails at $2.95.

Item No. 226E02
Less than 4, List Each $4.09
4 or more, List Each 3.96

PORRINGER ATTACHMENT

VAPORIZER ATTACHMENT

HANKSCRAFT BABY BOTTLE WARMER SETS

The New Hankscraft Baby Bottle Warmer Sets include either the standard model bottle warmer or the junior model warmer with the new vaporizer and porringer attachments. The new porringer fits the top of the warmer and makes it easy to heat baby's solid foods quickly and conveniently. It cannot scorch or burn the food. The warm food is served from the porringer.

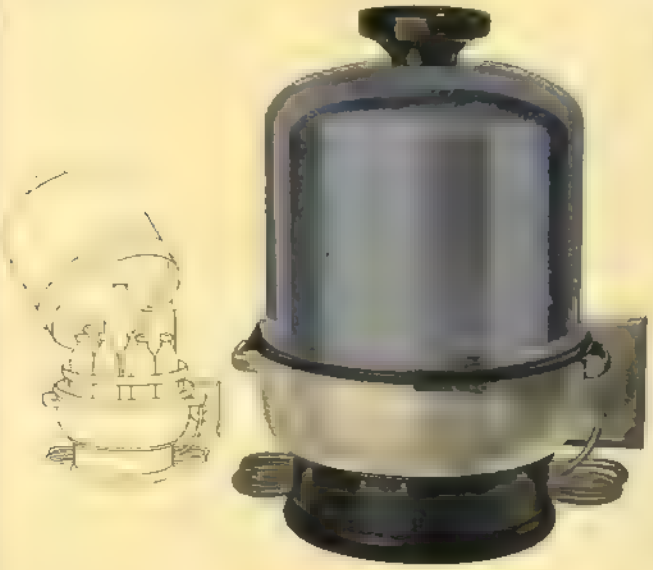
The vaporizer attachment furnishes quick relief for colds. A metal thimble at the top holds a piece of cotton which may be dipped in camphor, oil of eucalyptus or any other suitable medicant. The steam passes over the medicant and is forced out through the vaporizer jet so that it is conveniently inhaled.

The standard bottle warmer set including the standard bottle warmer with the vaporizer and porringer attachments retails at $6.00. Specify pink or blue.

Item No. 226E03
Less than 4, List Each $8.30
4 or more, List Each 8.04

The junior bottle warmer set including the junior model bottle warmer, with the vaporizer and porringer attachments retails at $3.95. Specify pink or blue.

Item No. 226E04
Less than 4, List Each....$5.47 4 or more, List Each.....$5.30



HANKSCRAFT AUTOMATIC ELECTRIC BABY BOTTLE STERILIZER

The Hankscraft Automatic Electric Baby Bottle Sterilizer, sterilizes six standard sized baby bottles, nipples and other baby accessories in live steam. The articles are placed in the sterilizer rack and basket, the current is plugged in, water is poured into the base and when the work is done the current is off. For use on 110 volt A.C. Finished in ivory and black. Retails at $8.50.

Item No. 226E05
Less than 4, List Each..$11.77 4 or more, List Each.. $11.40

UNIVERSAL MIXER-BEATER

MORE POWER—MORE BEAUTY—MORE USES—
THE HOUSEWIFE'S CONSTANT HELPER

UNIVERSAL Mixer-Beater and Beverage Blender

Beats eggs, mixes batter, whips cream, mashes potatoes and stirs beverages. Tireless beaters constantly aid the housewife in her everyday kitchen tasks. Easy to clean and use, there are no complicated adjustments. Powerful, quiet, air-cooled three speed motor, is portable for convenient use over stove or anywhere else without the stand and in either large or small pans or bowls. Beaters and motor tilt back out of the way and batter drips back into bowl. Large bowl fits into revolving turn-table and is turned by the mixing action of the batter.

Two Acid-resisting Enamel Bowls—
one-quart capacity and three-quart capacity.

Chromium Plated Beaters, which are easily and simply attached or removed by spring lock.

Entire machine is finished in Ivory Enamel with Green Enamel and Chromium Plated Trim. Ebonized Handle.

Base has rubber feet which prevent marring of polished surfaces

Six foot rubber covered cord. Operates on either A. C. or D. C. current

No. 781	Mixer-Beater, Beverage Blender as Illustrated Each	$21.50
No. 782	Same as above but equipped with No. 811 Juicer Attachment - - - - - - - - Complete	$25.40
No. 784	Same as above but equipped with both No. 811 Juicer Attachment and 903 Slicer and Shredder Attachment - - - - - - - - Complete	$29.30

THE additional hand operated attachments shown on the right may be purchased separately, but do not include the stand which is furnished with the Mixer-Beater only. Starting with the 781 Mixer and Beater the attachments can be procured to suit the needs and in any combination.

One of the most troublesome things about using kitchen devices is in finding a convenient place to clamp and operate them. The handy mixer stand provides a definite and convenient place to attach the labor saving helps—and they can be operated wherever desired. It takes but a few seconds to change from one attachment to another and they are rigidly held in place

Any of the electrically or hand operated attachments shown below are efficiently used with the mixer

JUICE EXTRACTOR

Electrically operated Fruit Juice attachment, complete with die cast aluminum ridged reamer.

No. 811 Each $4.20

SHREDDER-SLICER

Electrically operated Vegetable Slicer and Shredder attachment. Non-rusting cutters.

No. 803 Each $4.20

NOTE: To operate this attachment it is necessary to have the No. 811 Juice Extractor

Shown below are 5 hand operated attachments

FRUIT JUICE EXTRACTOR
No. 901 Each $2.60

The fastest and most satisfactory type of juice extractor—drains the last drop of juice from oranges, lemons, grapefruit or limes in a jiffy and without seeds or pulp. An excellent press for grapes, or tomatoes. Ready to use the instant it is placed on stand

FOOD AND MEAT CHOPPER
No. 902 Each $2.10

Can be quickly placed on the convenient stand and used in less time than it would take to adjust a motor driven appliance. Both sizes of cutters are self-sharpening. Converts erstwhile waste into worth while saving by making all the leftovers into tasty dishes

VEGETABLE SHREDDER AND SLICER No. 903
Each $4.50

Slices potatoes far more evenly and quickly than is possible to slice them by hand. Shreds cabbage, carrots or beets quickly and conveniently. Ideal for preparing "shoestring" potatoes. Takes but a moment to change the cutters.

POTATO RICER
No. 904 Each $1.60

A convenient ricer of superior construction that will add to the daintiness of many delicious dishes. Can be used as a fruit and meat juice press

COFFEE GRINDER
No. 905 Each $3.90

For those who prefer to grind their own. May be adjusted for grinding fine or coarse to suit one's favorite method of coffee making

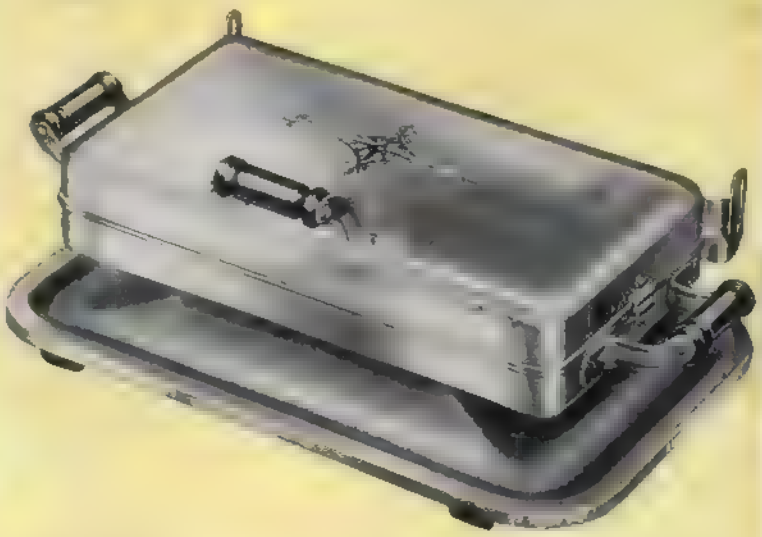
THE MOST PRACTICAL MIXER WITH THE MOST SENSIBLE ATTACHMENTS EVER DEVISED TO LIGHTEN KITCHEN LABOR

Prices subject to change without notice.

UNIVERSAL Combination Electric Sandwich Toaster, Waffle Maker and Griddle

A Delightful Way to Toast Sandwiches Make Waffles and Cook Other Foods

A complete meal may be prepared with this UNIVERSAL without fuss or bother right at the table where the hostess can be with her guests or the rest of the family. The beauty, compactness and perfect performance of this UNIVERSAL have made it one of the most popular Appliances.



TOAST SANDWICHES BAKE WAFFLES MAKE PANCAKES *without leaving the table*

EVERYONE enjoys hot toasted sandwiches or waffles. Not only can they be made very quickly and easily right at the table without fuss or bother with the UNIVERSAL but it may be used also as a griddle for cooking many other kinds of food. The unusual versatility of this appliance is due to its two sets of interchangeable grids. In toasting sandwiches a perfectly uniform golden brown the expansion hinge automatically adjusts the grids to sandwiches of varying thickness including three-deckers. Rich, thick evenly browned waffles are easily made because the expansion hinge allows ample space for batter to raise—a very important factor in making waffles. It is very handy as a griddle for pancakes, eggs, bacon, chops.

Beautifully designed and finished it is an adornment for any well appointed dining room, and an appliance every woman desires and needs. Its Chromium Plate, Blue Diamond Finish will not rust or tarnish and is easily kept as bright as when new. Aluminum grids are easily and quickly removed and cleaned.

Chromium plate, Blue Diamond Finish. Six foot art silk cord. Aluminum plates, 10⅞ x 5½ inches. An appliance to grace the finest appointed tables.
No. E7360A Each $14.20

In position for frying eggs, pancakes, etc. and other surface cooking.

Drip cup catches excessive fat which flows through drain when cooking chops, bacon, sausage, etc

A wide expansion hinge adjusts grids to different thicknesses of sandwiches.

With waffle grids inserted for making four delicious, evenly browned waffles at a time.

THE FINEST ELECTRIC APPLIANCES THAT MONEY CAN BUY

Prices subject to change without notice

Sterling Silver and Cameo Brooches

Sterling Silver Brooch. Beautiful pierced design, rhodium finish, set with fine cut white stone brilliants. Safety catch.
No. 48J320. Each..... 1.60

Sterling Silver Brooch. Rhodium finish, fancy pierced design.
No. 48J321. Each..... 1.25

Sterling Silver Brooch. Rhodium finish, beautiful pierced design, set with fine cut white stone brilliants.
No. 48J322. Each..... 1.60

Cameo Brooch. Sterling silver mounting, fancy chased, with genuine carved cornelian cameo.
No. 48J275. Each... .65

Cameo Brooch. Sterling silver, twisted mounting, genuine carved cornelian cameo.
No. 48J276. Each... .80

Cameo Brooch. Sterling silver, fancy filigree mounting, carved genuine cornelian cameo.
No. 48J277. Each... 1.75

Cameo Brooch. Sterling silver, fancy filigree mounting, carved genuine cornelian cameo.
No. 48J278. Each.. 2.25

Cameo Brooches—Gold Mountings

Cameo Brooch, 10 kt. White Gold mounting, fancy engraved. Genuine hand carved cornelian cameo.
No. 36J156. Each.. 3.65

Cameo Brooch, 10 kt. White Gold mounting. Fancy pierced and engraved design. Hand carved, genuine cornelian cameo. Safety catch.
No. 36J157. Each.. 5.25

Cameo Brooch, 10 kt. White Gold mounting, fancy pierced design. Genuine hand carved cornelian cameo with white gold necklace and pendant. Set with fine cut, genuine diamond.
No. 36J159. Each.. 9.00

Cameo Brooch, 10 kt. White Gold mounting. Pierced design with red and green gold ornamentation. Hand carved, genuine cornelian cameo. Safety catch.
No. 36J158. Each.. 8.25

White Gold Brooches

Brooch, 10 kt. Solid White Gold. Fancy pierced design, set with diamond shaped imitation emerald. Safety catch.
No. 36J153. Each..... 4.45

Brooch, 10 kt. Solid White Gold. Fancy pierced design, set with one genuine diamond. Safety catch.
No. 36J154. Each..... 8.75

Brooch, Solid 14 kt. White Gold. Fancy pierced design, set with one genuine diamond. Safety catch.
No. 36J155. Each..... 8.75

CAMPBELL PLANTRITE PLANTERS

FOR CORN, COTTON, PEAS, BEANS, PEANUTS AND SMALL SEED

"Plantrite" planters do all their name implies—"plant right"

They are light running and the different parts are adjustable. Frames are solid and rigid, well braced, so as to prevent springing or getting out of line. They are equipped with a patent hitch clevis, so constructed that the pull of the horse draws the planter downward and this, together with the spiked drive wheels, prevents danger of slipping.

Two pitman rods, one on either side of the wheel, alternate in stroke, giving a positive drive and eliminating all possibility of its stopping on center.

The teeth on the gears are large and heavy, thus insuring long wear. The hopper is large and made of heavy sheet steel

The cotton planting device is a positive force feed. The pick wheel revolves in the opposite direction from the cotton plate, thus insuring an even distribution of seed not possible where plate and picker wheel revolve in same direction. The feed for both cotton and corn is in plain sight of the operator.

Press wheel can be adjusted to plant any depth desired.

Shovel holders are secured to the break joint by a bolt which we have found to be less troublesome and much better than a wooden break pin. Shovels can be raised and lowered to suit, and rear shovels can be inclined at two different angles.

Equipped with center shovel or bull tongue opener and rear shovel coverers and press wheel. Shovel or bull tongue can be raised and lowered to suit, and the rear shovels can be inclined to two different angles. Frame forms part of the shovel bars, making them permanent and strong.

Each

No. 30—With Press Wheel, complete with 6 plates; (as listed in opposite column); weight each 110 lbs. $54.00

No. 31—Same as No. 30 except **without** the press wheel but with two heel slides; weight each 90 lbs..... 51.00

Open stock.

Equipped with center shovel or bull tongue opener and adjustable rear oyster shell coverer and press wheel. Covering blades are adjustable to various angles. They have four wearing edges, insuring long service. The drive wheel axle is very strong, being ⅝ in. agricultural cold rolled steel.

Each

No. 32—With Press Wheel, complete with 6 plates (as listed in opposite column); weight each 108 lbs..$54.00

No. 33—Same as No. 32 except **without** press wheel; weight each 88 lbs..... 51.00

Open stock.

Equipped with adjustable runner opener, adjustable rear oyster shell covers and press wheel.

The adjustable runner blade is made of high carbon, highly polished steel. Fully covered by patents and found only on Campbell planters. It can be lowered as it wears, giving it much longer life than the ordinary runner.

Each

No. 34—With Press Wheel, complete with 6 plates (as listed below; weight each 110 lbs..... $54 00

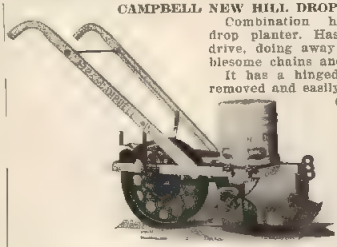
No. 35—Same as No. 34 except **without** press wheel; weight each 90 lbs..... 51.00

Each planter is equipped with 6 plates, 1 each of the following numbers:

No. 235—28 ⅝ in. holes 1 pea or navy bean 2 inches apart.
No. 238—8 ¼ in. holes sorghum or small seed 7 in. apart.
No. 240—Cotton plate.
No. 243—3 ⅞ in holes 1 grain corn 18 inches apart.
No. 244—4 ⅞ in. holes 1 grain corn 14 inches apart.
No. 245—5 ⅞ in. holes 1 grain corn 11 inches apart.

Special plates to plant any size seed any distance desired can be furnished. Sample seed should accompany an order for special plates.

CAMPBELL NEW HILL DROP



Combination hill and drill drop planter. Has positive gear drive, doing away with all troublesome chains and crank drives. It has a hinged hopper easily removed and easily thrown in and out of gear by a lever within easy reach of the operator's foot or hand. Main drive wheel has three rows of cogs, giving three dropping distances with each plate.

One piece heavy special steel frame with the handles bolted direct to the frame. Strong, rigid seed boot and hill drop mechanism, packed in grease.

Each

No. 172—38 in. long from hitch clevis to rear of frame, 13 in. wide; 23½ in. high from bottom of spout to top of hoppper; weight each 110 lbs.....$54.00

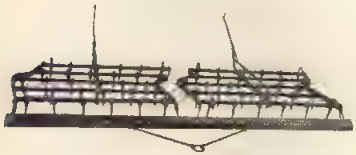
No. 173—Equipped with straight drill drop, otherwise same as No. 172; weight each 110 lbs..... 54 00

All above, open stock.

Note—For attachment see following page.

DRAG HARROWS

BOLTLESS



⅞ Inch Teeth

The frame consists of three channel steel bars The side bars are bent to conform to the spacing of the "U" bars and are fastened to them by malleable brackets The center bar is on same level and "U" bar passes through it. Clamps hold it in position. Corners of side bars are reinforced by strong malleable braces.

Hard steel, 8 inches long, pointed teeth.

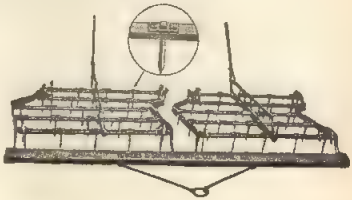
The tooth fastener is a hard steel clip bent to the shape of the "U" bar and held in place by malleable wedge. The end bars of frame act as fenders when harrow comes in contact with trees and stumps and prevents barking of tree and gathering trash by end of "U" bar.

Nos.	50-B	60-B
Number of teeth	50	60
Number of sections	2	2
Weight each, lbs.	190	210
Each	$47.25	58.25

Open stock.

DRAG HARROWS

LOCK TOOTH



⅝ Inch Teeth

There is absolutely no way to lose a tooth of this harrow. The only way to get a tooth out is to unscrew the patented lock nut with a wrench and then remove the tooth.

The frame consists of three channel steel bars. The side bars are bent to conform to the spacing of the "U" bars and are securely fastened.

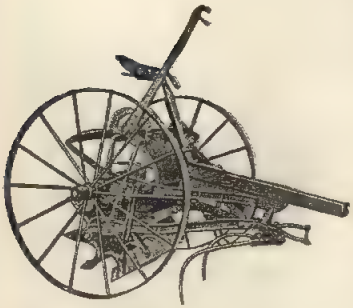
Equipped with standard guard rail, and corner brace.

Nos.	50-LT	60-LT
Number of teeth	50	60
Number of sections	2	2
Weight, each lbs.	215	230
Each	$54.00	64 00

Open stock.

STALK CUTTERS

GEORGIA CRACKER



One very important feature of our stalk cutter that differs from most others is, that it operates forward of the center.

When the driver is on the seat, he pushes the lever forward to put the machine into operation. This is more natural and, therefore, more easily accomplished than pushing backward.

The push rod is in front of the axle, which permits us to set the cutting reel forward of the center, which means that the weight of the machine is pushing against the knives at all times.

The arrangement also takes the weight off the horses' necks, whereas most other stalk cutters have the pressure in the rear of center, which adds to the weight on the tongue and makes the horses' neck sore

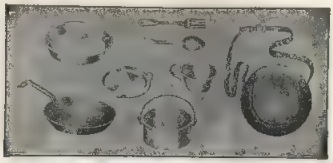
There is a heavy spring on the draft rod which relieves the jerk on the team.

	Each
No. 7GC—7 knives; weight each 520 lbs.	$120 00

Open stock.

CAMP COOKING OUTFITS.

BOY SCOUT.



A compact mess kit containing all necessary equipment for camp cooking. Fry pan equipment with detachable handle. Cover of coffee pot made so that it can be used as a plate.

Each

No. S-MK—Mess Kits; with aluminum dishes, in neat fitting khaki bag with sling strap.....$2.70

POPULAR.

All the cooking and eating utensils needed for four or six people in a small compact container. Finest quality heavy aluminum. Cups are made of best grade white enamel. All utensils go in the large kettle. Sets consists of knives, forks, spoons, cups, coffee pot, plates, salt and pepper containers, 1 only 9½-inch frying pan and three kettles.

Each

No. S-4S—Camping Outfits; for 4 people; weight each, 7 lbs $13.50

No. S-6S—Camping Outfits; for 6 people; weight each, 10 lbs 14.50

WATER BAGS.

SOUTH AFRICAN.

Made of imported specially constructed flax duck, specially adapted for this purpose, enough moisture oozing through the pores for the air to come in contact with and keep the contents cool. Round bottom corners, seams inside, metal nozzles.

CLOSED TOP.

Per Dozen

No. S-1CT—Water Bags; sewed top; capacity, 1 gallon; size, 10x11½ inches; weight per dozen, 6 lbs. .$10.30

No. S-2CT—Water Bags; sewed top; capacity, 2 gallons; size, 12¼x15½ inches; weight per dozen, 9½ lbs.13.60

In bulk.

SANITARY, OPEN TOP.

Equipped with a metal clamp slide at top which is removable, whereby the interior of the bag may be cleaned and all sediment removed, always keeping the contents clean and fresh.

Per Dozen

No. S-2OT—Water Bags; sanitary, open top; capacity, 2 gallons; size, 15¾x 12¾ inches; weight per dozen, 12 lbs.....$15.80

No. S-3OT—Water Bags; open top; capacity, 3 gals.; weight per dozen, 15 lbs..... 18.40

No. S-5OT—Water Bags; open top; cap., 5 gals.; size, 17½x32½ ins.; weight. per dozen, 20 lbs..... 24.80

In bulk.

CANTEENS.

BOY SCOUT.

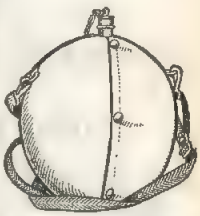
Made of galvanized steel, covered with heavy colored duck and equipped with heavy folded triple stitched duck strap with slide adjustment.

Each

No. S-BS—Canteens; capacity, 1 quart; weight each, 1 lb.....$1.40

CELLO BOY SCOUT.

The Cello Canteen is regulated to Boy Scout requirements with one side concaved so that it will not "bang" against the hip. Made of aluminum strongly constructed throughout and built to give the maximum of service.



Each

No. S-100—Canteens; complete with heavy adjustable sling strap and removable khaki cover with snap buttons; capacity, 1 quart; weight each, 1 lb.....$3.00

GOVERNMENT.

Made of galvanized steel, seamed and soldered and has a zinc mouthpiece. It is covered with heavy, dead grass colored duck and has an interlining of heavy blanket. The strap is made of heavy duck to match the cover. Each canteen is air tested.

Each

No. S-3 — Canteens; capacity, 3 pints; wgt. per dozen, 8 lbs.$1.80@

In bulk.

HAND POWER.

Large cypress tub, corrugated on sides and bottom; large cover; bolted wringer attachment; detachable hardwood legs; one-piece cypress dolly, with smooth finish hardwood pegs, dolly corrugated on under side to increase its washing efficiency; galvanized hardware and castings.

UNEEDA.

STANDARD FAMILY SIZE.

CAPACITY, 16 GALLONS.

A superior round western washer, operated by working the handle back and forth, which imparts the alternate rotary action to the dolly.

Improved construction, perfect fitting and heavy castings make the gearing unusually strong, easy to operate and free of the excessive breakage often experienced with other washers of this type. The roller guide to hold the drive gear in proper mesh with the small gear is also a decided improvement and advantage in insuring ease of operation and eliminating wear.

Each

No. EW-Uneeda Washing Machines—Shipping weight each, 55 lbs..... $12 75

BANNER ROTARY.

STANDARD FAMILY SIZE.

CAPACITY, 16 GALLONS.

A very simple rotary washer, with few parts and having a roller bearing gear driven by a large, heavy fly wheel, thus reducing friction and wear to a minimum and insuring smooth and easy running. Gearing imparts an alternate rotary action to the dolly at the proper speed to produce effective agitation in the tub. The simplest and easiest running washer of the rotary type on the market.

Belt groove in wheel for power operation; covered gears. Telescopic dolly post, no projection below dolly to injure the clothes or interfere with the efficiency of the dolly. The dolly is non-floating and is of one-piece cypress construction. Large cypress tub, natural finish, with double thickness cover attached with malleable slip-off hinges. Tub corrugated on sides and bottom. Bolted wringer attachment.

Each

No. EW-Banner Washing Machines—Shipping weight each, 85 lbs..... $17.50

CINCY.

BALL BEARING, HIGH SPEED.

A distinctive high speed rotary washer, operated by a lever with high speed ball bearing fly wheel geared to make 300 revolutions per minute. This great momentum creating sufficient power to run the washer without exerting the operator.

Operating handle adjustable to six different positions, permitting the machine to be operated while one is seated or standing. Fly wheel is mounted on long steel shaft, which runs in a high grade ball bearing, eliminating friction and insuring smooth and light running.

The Cincy is adapted for hand operation or belt drive, the fly wheel being grooved for a round belt. A special 8-inch pulley with 2-inch face can also be furnished. Machine can be directly belted to engine and can be opened or closed while running, the fly wheel mechanism always remaining in fixed position.

Each

No. EW-Cincy Washing Machines—Shipping weight each, 90 lbs..... $21.50

DRAIN AND RINSE TUBS.

JOHNSON.

Easy to fill, easy to drain, easy to roll where needed. Eliminates lifting; reduces labor. Convenient to use with any washer. Designed for strength and durability.

A special feature of single and double drain tubs is the "V" shaped beaded clamp near the top of each leg. This enables the tub to snap in place with a spring effect, clamping the tub securely to the stand. The stands are made of heavy pressed steel, each frame being welded in one piece. The legs have special beaded reinforcement for strength; cadmium plated casters, screws and bolts. The stands are finished in a rich velvet green lacquer.

Tubs are made of 28 gauge copper alloy, hand dipped in pure molten zinc; rust and leak-proof. Special drain bottom with copper ferrule securely fastened by double seam lock and well soldered. Corrugated drain hose complete with special attachments. No. 2 tub with green lacquer band.

DOUBLE TUBS.

Per Set

No. EW-22—Drain Tubs; size each tub, 20½x20½x11 inches deep; capacity each tub, 14 gallons; height over all, 32 inches; two tubs and two drain hose packed in one carton, double tub stand packed in separate carton; complete double drain tub set is two cartons, weight per set, 33 lbs $7.50

Sold in sets only.

SINGLE TUBS.

Per Set

No. EW-21—Drain Tubs; size tub, 20½x20½x11 inches deep; capacity tub, 14 gallons; height over all, 32 inches; set consists of two tubs, two hose with two single stands, packed in one carton; weight, 35 lbs $8.40

Sold in sets only.

WASHING MACHINE DRAIN HOSE.

An item which should be sold with every washing machine; it fits on any machine, electric or gas engine powered and permits the draining of the washer into the floor drain while it eliminates the wet floor and usual mess of allowing the water to splash from the faucet to the floor. The hose is flexible and made of solid rubber flared on one end and six feet in length.

Each

No. EW-FH—Drain Hose; flared on one end; 6 feet in length $0.50

No. EW-FCH—Drain Hose; same as above and is also coupled ..... .65

WASHING MACHINE EJECTORS.

FILORDRAIN.

PENBERTHY.

For Filling or Emptying Washing Machines, Etc.

Screws onto water faucet, runs water into washing machine or drains it out. The shut off bulb at bottom of Filordrain is opened or closed by a quarter turn cam action. When turned to left and dropped to lowest position it is open for water to flow through into receptacle, to close push bulb up as far as it will go and turn to the right, this will force water through the hose and empty receptacle.

Where it is desired to connect hot and cold water faucets for combined filling, remove shut off bulb by removing two set screws and pull straight down, slip a ¾-inch hose, about 18 inches long, over bottom of Filordrain, attach hose with hose coupling to faucet.

To fill receptacle with either hot or cold water, hose on end of Filordrain should be attached to hot water faucet and detached to drain.

Each

No. B-PWE—Washing Machine Ejectors; weight per dozen, 4¼ lbs $3.00

PENBERTHY.

ADAPTERS.

This little device converts any smooth faucet into a standard threaded faucet for garden hose or other faucet attachment.

Each

No. B-PFA—Faucet Adapters; weight per dozen, 2¼ lbs. . . $0.70

One dozen in a box.

Each

No. F-376—Colonial Book Cases; combination walnut, dull rubbed finish; adjustable shelves; colonial grill in doors; claw and ball feet; height, 48 inches; width, 28 inches; depth, 12 inches; weight, 110 lbs **$39.50**

Each

No. F-374—Colonial Book Cases; combination walnut, dull finish; adjustable shelves; colonial grill in door; ball and claw feet; height, 48 inches; width, 23 inches; depth, 12 inches; weight, 65 lbs **$28.00**

Each

No. F-382½—Book Cases; fumed oak finish, imitation mahogany or walnut; 52 inches high; 38 inches wide; 12 inches deep; approx. shipping weight, 160 lbs **$33.00**

Each

No. F-4213—Mirrors; a fine large mirror of first quality perfect plate; size, 18x30 inches; bevelled edge; handsome antique gold top ornament; etching at top of glass; size over all, 20x36 inches. **$14.00**

Each

No. F-4212—Mirrors; first quality, perfect plate, bevelled edge; size, 16x28 inches; fine antique gold top and bottom ornaments; etching at top of glass; size over all, 18x31 inches **$11.00**

Each

No. F-117—Mirrors; graceful Empire style; first quality bevelled plate, perfect glass, etched top; size glass, 14x24 inches; handsome antique gold top and bottom ornaments; size over all, 16x28 inches. **$9.00**

Each

No. F-4305—Mirrors; the lastest type round mirror, for living or dining room; round, first quality plate glass, 28 inches diameter; antique gold, 1¾-inch frame; fine antique gold top and bottom ornaments; height from top to bottom ornament, 40 inches..... **$19.50**

Each

No. F-4207—Mirrors; new round type, finest plate mirror, 20 inches in diameter; fine antique gold frame; diameter over all, 22½ inches..... **$9.50**

Each

No. F-102—Mirrors; first quality bevel edge plate, size 12x24 inches, shield shape; top etching on glass; antique gold top and bottom ornaments; size over all, 14x28 inches..... **$7.50**

REVOLVERS

COLT

POCKET POSITIVE

Double Action; Simultaneous Hand Ejector

Jointless Solid Frame; Swing-Out Cylinder; Rubber Handle; Positive Lock.

32 Caliber; 6 Shots; Chambered for 32 Colt's Police Positive, Also 32 S & W Short and Long Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. Ea., ozs.	*Suggested Retail Price* Each	*Each*
3231½P	Nickel Plated	3½	16½	$42.40	26.50
2323½P	Blued	2½	16	42.40	26.50
2323½P	Blued	3½	16½	42.40	26.50

One in a Box

DETECTIVE SPECIAL

Double Action; Simultaneous Hand Ejecting

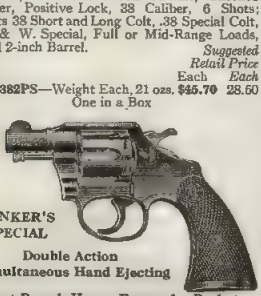
Short Barrel; Heavy Frame for Pocket or Emergency Use.

A New Stub-Nosed Colt, Made Especially for Pocket Use; Jointless Solid Frame, Swing-Out Cylinder, Checkered Wood Handle, Checked Trigger, Positive Lock, 38 Caliber, 6 Shots; Shoots 38 Short and Long Colt, .38 Special Colt, 38 S. & W. Special, Full or Mid-Range Loads, Blued 2-inch Barrel.

Suggested Retail Price Each *Each*

No. 2382PS—Weight Each, 21 ozs. $45.70 28.50

One in a Box



BANKER'S SPECIAL

Double Action Simultaneous Hand Ejecting

Short Barrel; Heavy Frame for Pocket or Emergency Use.

Another Stub-Nosed Colt; Made Especially for Bank Employees; Jointless Solid Frame; Swing-Out Cylinder; Checkered Wood Handle; Checkered Trigger; Positive Lock; Blued 2 inch Barrel; Shoots 38 Colt's Police Positive (New Police) Using 38 Colt's Police Positive (New Police) and 38 S. & W. Cartridges.

Suggested Retail Price Each *Each*

No. 2382BS—Weight Each, 19 ozs. $43.50 27.00

One in a Box

REVOLVERS

COLT

NEW SERVICE

Blued

Adopted by Military Organizations, and Mounted Police; a Most Excellent Weapon for Hunters and Campers, Jointless Solid Frame; Swing-Out Cylinder, Checkered Walnut Handle, with Swivel Ring; Positive Lock.

38 Caliber; 6 Shots; Shoots 38/40 WCF Cartridges.

Nos.	Lgth. Barrel, ins.	Wt. Each, ozs.	*Suggested Retail Price* Each	*Each*
✣2384½S	4½	39	$54.40	34.00
✣2385½S	5½	40	54.40	34.00
✣2387½S	7½	43	54.40	34.00

One in a Box

44 Caliber; Shoots 44/40 WCF Cartridges.

Nos.	Lgth. Barrel, ins.	Wt. Each, ozs.	*Suggested Retail Price* Each	*Each*
✣2444½S	4½	39	$54.40	34.00
✣2445½S	5½	40	54.40	34.00
✣2447½S	7½	43	54.40	34.00

One in a Box

45 Caliber; Shoots 45 Colt CF Cartridges; Full, Medium or Gallery Loads.

Nos.	Lgth. Barrel, ins.	Wt. Each, ozs.	*Suggested Retail Price* Each	*Each*
✣2454½S	4½	39	$54.40	34.00
2455½S	5½	40	54.40	34.00
2457½S	7½	43	54.40	34.00

One in a Box

✣Can Also be Furnished From the Factory Chambered to Take 44 S&W Russian, Full, Mid-Range or Gallery Loads; Also for English Cartridges 450 and 455 Caliber (Eleys).

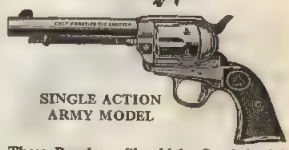
SHAPLEIGH'S POINTERS

A Complete Line of Holsters for All Revolvers

See Pages 1388, 1389, 1390, 1391.

REVOLVERS

COLT



SINGLE ACTION ARMY MODEL

These Revolvers Should be Carried with the Hammer Resting in the Safety Notch.

This Revolver is the Single Action Army Improved; Having a Longer Handle and Firmer Grip; the Design of Hammer, Trigger and Lock Work Have Been so Changed as to Produce a Lighter and Smoother Action; All of These Points Have Been Introduced without Sacrificing the Accuracy, Simplicity and Durability of the Popular Single Action Army.

Solid Frame; Rod Ejection; Rubber Handle; 6 Shots; Blued Revolvers in These Styles Have Case Hardened Finish Frames.

32 Caliber; Shoots 32/20 WCF Cartridges

Nos.	Finish	Lgth. Bbl., ins.	Wt. Ea., ozs.	*Suggested Retail Price* Each	*Each*
✣3243¼SA	Nickel Plated	4¾	42	$54.40	34.00
✣3251½SA	Nickel Plated	5½	43	54.40	34.00
✣3271½SA	Nickel Plated	7½	45	54.40	34.00
2324¾SA	Blued	4¾	42	54.40	34.00
2325½SA	Blued	5½	43	54.40	34.00
2327½SA	Blued	7½	45	54.40	34.00

One in a Box

38 Caliber; Shoots 38/40 WCF Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. Ea., ozs.	*Suggested Retail Price* Each	*Each*
✣3843¼SA	Nickel Plated	4¾	42	$54.40	34.00
✣3851½SA	Nickel Plated	5½	43	54.40	34.00
✣3871½SA	Nickel Plated	7½	45	54.40	34.00
2384¾SA	Blued	4¾	42	54.40	34.00
2385½SA	Blued	5½	43	54.40	34.00
✣2387½SA	Blued	7½	45	54.40	34.00

One in a Box

44 Caliber; Shoots 44/40 WCF Cartridges and 44 S & W Special Russian Cartridges.

Suggested Retail Price Each *Each*

✣No. 2447½SA—Blued; 7½ inch Barrel; Weight Each, 40 ozs. . . . $54.40 34.00

One in a Box

45 Caliber; Shoots 45 Colt CF Cartridges; Full, Medium or Gallery Loads.

Nos.	Finish	Lgth. Bbl., ins.	Wt. Ea., ozs.	*Suggested Retail Price* Each	*Each*
2454¾SA	Blued	4¾	35	$54.40	34.00
2455½SA	Blued	5½	36	54.40	34.00
2457½SA	Blued	7½	38	54.40	34.00

One in a Box

NOTE—Our Stock of Colt Revolvers Comprises All the Best Selling Styles; Any Other Style, Caliber or Finish Made by the Colt Patent Fire Arms Mfg. Co., Which We Do Not Illustrate, We Can Furnish Promptly by Shipping Direct from Factory.

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F.O.B., Hartford, Conn.

REVOLVERS
COLT

NEW OFFICIAL POLICE
Double Action
Simultaneous Hand Ejecting; Blued

New Colt's Official Police; Takes the Place of the Old New Army and New Navy; Possessing All of Their Features and Many Improvements.

22 Caliber; 6 Shots; Shoots 22 Caliber Long Rifle Cartridges; Jointless Solid Frame; Swing Out Embedded Cylinder; Checkered Wood Handle; Checked Trigger; Positive Lock.

			Each	Suggested Retail Price Each
No. 2326AS—6-inch Barrel; Weight Each, 38 ozs.			$43.00	30.00

One in a Box

32 Caliber; 6 Shots; Shoots 32/20 WCF Cartridges; Jointless Solid Frame; Swing-Out Cylinder; Checkered Wood Handles; Checked Trigger; Positive Lock.

Nos.	Length Barrel, ins.	Wt. Ea., ozs.	Each	Suggested Retail Price Each
2324AS	4	33	$43.00	30.00
2325AS	5	36	43.00	30.00
2326AS	6	36	43.00	30.00

One in a Box

38 Caliber; 6 Shots; Shoots 38 Short and Long Colt CF Cartridges. 38 Colt Special, Also 38 S&W Special, Full and Mid-Range Loads and U. S. Service Cartridges.

Nos.	Length Barrel, ins.	Wt. Ea., ozs.	Each	Suggested Retail Price Each
2384AS	4	34	$43.00	30.00
2385AS	5	35	43.00	30.00
2386AS	6	36	43.00	30.00

One in a Box

POLICE POSITIVE SPECIAL
Double Action; Simultaneous Hand Ejector; Blued

Jointless Solid Frame; Swing-Out Cylinder; Checkered Wood Handle; Checked Trigger; Positive Lock.

32-20 Caliber; 6 Shots; Shoots 32-20 WCF Rifle Cartridges.

Nos.	Length Barrel, ins	Wt. Ea., ozs.	Each	Suggested Retail Price Each
2324PS	4	22	$45.70	28.50
2325PS	5	23	45.70	28.50
2326PS	6	24	45.70	28.50

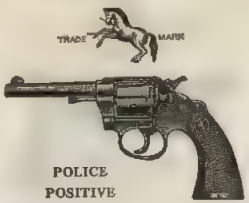
One in a Box

38 Caliber; 6 Shots; Shoots 38 Short or Long Colt, 38 Colt Special and 38 S. & W. Special; Full or Mid-Range Loads.

Nos.	Length Barrel, ins.	Wt. Ea., ozs.	Each	Suggested Retail Price Each
2384PS	4	20	$45.70	28 50
2385PS	5	21	45.70	28 50
2386PS	6	22	45.70	28 50

One in a Box

REVOLVERS
COLT



POLICE POSITIVE

Adopted by the Police Departments of the Principal Cities of the United States and Canada. Jointless Solid Frame; Swing-Out Cylinder; Checkered Wood Handle; Checked Trigger; Positive Lock.

32 Caliber; 6 Shots; Shoots 32 Colt's Police Positive, Also 32 S & W Short and Long Cartridges.

Nos.	Finish	Lgth., Bbl., ins.	Wt., ozs.	Each	Suggested Retail Price Each
324CP	Nickel Plated	4	18	$43.50	27.00
2324CP	Blued	4	18	43.50	27.00
2325CP	Blued	5	18½	43.50	27.00
2326CP	Blued	6	19	43.50	27.00

One in a Box

38 Caliber; 6 Shots; Shoots 38 Colt's Police Positive Full and Gallery Loads or 38 S & W.

Nos.	Finish	Lgth., Bbl., ins.	Wt. Ea., ozs.	Each	Suggested Retail Price Each
2384PP	Blued	4	20	$43.50	27.00
2385PP	Blued	5	21	43.50	27.00
2386PP	Blued	6	21½	43.50	27.00

One in a Box

32 Caliber; 5 Shots; Shoots 32 S&W CF Cartridges.

	Each	Suggested Retail Price Each
Nickel Plated		
No. 324IWG—4 inch Barrel; Weight Each, 16 ozs.	$18.30	13 25

One in a Box

	Each	
Blued		
No. 2324IWG—4 inch Barrel; Weight Each, 16 ozs.	$18.30	13.25

One in a Box

REVOLVERS
IVER JOHNSON

SAFETY HAMMER
Double Action; Automatic Ejection

22 Caliber; 7 Shots; Small Frame; Shoots BB Caps, 22 SRF or 22 LRF Cartridges.

	Each	Suggested Retail Price Each
Nickel Plated		
No. 223I—3 inch Barrel; Black Rubber Handle; Weight Each, 13 ozs. . .	$16.50	11.75

One in a Box

32 Caliber; 5 Shots; Small Frame; Shoots 32 S&W Center Fire Cartridges; Black Rubber Handle.

	Each	Suggested Retail Price Each
Nickel Plated		
No. 323I—3 inch Barrel; Black Rubber Handle; Weight Each, 13½ ozs.	$16.50	11.75
No. 324I—4 inch Barrel; Black Rubber Handle; Weight Each, 13 ozs. . .	17.00	12.25

One in a Box

	Each	Suggested Retail Price Each
Blued		
No. 2323I—3 inch Barrel; Black Rubber Handle; Weight Each, 12 ozs. . . .	$16.50	11.75

One in a Box

38 Caliber; 5 Shots; Regular Frame; Shoots 38 S&W Center Fire Cartridges; Black Rubber Handle.

	Each	Suggested Retail Price Each
Nickel Plated		
No. 383¼I—3¼ inch Barrel; Black Rubber Handle; Weight Each, 18½ ozs.	$16.50	11 75

One in a Box

	Each	Suggested Retail Price Each
Blued		
No. 2383¼I—3¼ inch Barrel; Black Rubber Handle, Weight Each, 17 ozs.	$16.50	11.75
No. 2384I—4 inch Barrel; Black Rubber Handle; Weight Each, 18 ozs . .	17.00	12.25

One in a Box

IVER JOHNSON
SAFETY HAMMER
WALNUT GRIP

Double Action; Automatic Ejecting

One-Piece Large Walnut Grip, Smooth Finish, No Side Screws; Grip Fastened to Frame on Under Side; Regular Frame; Especially Adapted to the Needs of Sportsmen, Target Shooters, Police Officers and Night Watchmen.

38 Caliber; 5 Shots; Shoots 38 S&W CF Cartridges.

	Each	Suggested Retail Price Each
Nickel Plated		
No. 384IWG—4 inch Barrel; Weight Each, 18 ozs.	$18.30	13.25

One in a Box

	Each	
Blued		
No. 2384IWG—4 inch Barrel; Weight Each, 18 ozs.	$18.30	13.25

One in a Box

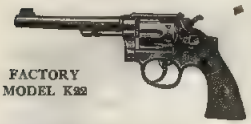
SMITH & WESSON TARGET REVOLVERS

NEW OUTDOORSMAN'S 38/44

Six Shot, 38 Caliber, on a 44 Military Frame; Double Action; Solid Frame with Swing Cylinder; 6½-inch Reinforced Barrel with Heavy Recessed Lug Protecting Extractor Rod; Partridge Front and Rear Sights; Front and Rear Strap and Trigger Grooved to Prevent Slipping; Checked Circassian Walnut Stocks; Shoots 38 S. & W. Special, 38 S. & W. Special 200 Grain, 38/44 S. & W. Special Cartridges.

	Each	*Suggested Retail Price Each*
No. 2386½OD—Weight Each, 41¾ ozs.	$71.20	44.50

One in a Box



FACTORY MODEL K22

TARGET, MILITARY AND POLICE MODEL

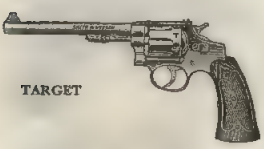
Square Butt; Double Action Hand Ejector

Solid Frame; Swing-Out Cylinder; Loose Hammer Nose; Provided with Front Cylinder Lock, Enlarged Breech.

22 Caliber; 6 Shots; Checkered Walnut Butt Stock; Shoots 22 Long Rifle Cartridges; Sights, Partridge 1/10 inch, Front Square, Notched Rear, Adjustable for Windage and Elevation.

	Each	*Suggested Retail Price Each*
No. 2226MMT—Finish Blued; Length of Barrel, 6 inches, Weight Each, 35 ozs.	$59.60	37.25

One in a Box



TARGET

22/32 Heavy Frame Revolver

Solid Frame; Swing-Out Cylinder; Rebounding Lock; Provided with Front Cylinder Lock.

22 Caliber; Shoots 22 Short, 22 Long Rifle, 22 Extra Long and 22 NRA Cartridges; 6 Shots; 6-inch Barrel; Trigger Pull Under 4 lbs.; S&W Target Sights; Circassian Walnut Checkered Wood Grip Inlaid with S&W Gold Monogram.

	Each	*Suggested Retail Price Each*
No. 2226STG—Weight Each, 22¾ ozs.	$52.80	33.00

One in a Box

COLT TARGET REVOLVERS

SHOOTING MASTER

A New DeLuxe Target Model; Built on the 45 Caliber Frame to Meet the Exacting Requirements. The Finest and Most Accurate Target Revolver Yet Produced; Heavy Frame Reduces Recoil; Tapered Super-Precisioned Barrel, Aiding Materially in the Accuracy and Perfect Balance of the Arm; Velvet Smooth Action; Stippled Top and Back of Frame Eliminates Reflection and Glare; Checked Straps, Trigger, Hammer Tip and Stocks; Adjustable Sights for Both Elevation and Windage; Special Type Front Sight Blade; 38 Caliber; Shoots the Highly Accurate .38 Special Cartridge, Including High Speed; Length of Barrel, 6 inches; Blued Finish; Length Over All, 11¼ inches.

	Each	*Suggested Retail Price Each*
No. 38SM—Weight Each, 43 ozs.	$87.00	52.50

One in a Box

OFFICERS' TARGET

Blued

Jointless Solid Frame; Checked Walnut Target Handles; Hand Finished Action; Guard Strap and Trigger Finely Checked; Front Sight Adjustable for Elevation; Rear Sight with Adjusting Screw, Adjustable for Windage; Positive Lock.

22 Caliber; 6 Shots; Shoots 22 Caliber Long Rifle Cartridges; Swing-Out Embedded Cylinder.

	Each	*Suggested Retail Price Each*
No. 2226OT—Length of Barrel, 6 inches; Length Over All, 11¼ inches; Weight Each, 38 ozs.	$65.20	40.75

One in a Box

38 Caliber; 6 Shots; Shoots 38 Long Colt, 38 Colt Special, Also 38 S. & W. Special; Full and Mid-Range Loads; Swing-Out Cylinder.

Nos.	Length Barrel, ins.	Length Over All, in.	Weight Each, ozs.	Each	*Suggested Retail Price Each*
2386OT	6	11¼	33½	$65.20	40.75
2387½OT	7½	12¾	35	65.20	40.75

One in a Box

SINGLE SHOT TARGET

CAMP PERRY MODEL

Tested by Camp Perry Shooters and Olympic Team Members. This Model is Built on the Lines of the Well-known Colt Officer's Model Revolver; Full Blued, Checked Walnut Stocks, Sights are Either Bead or Partridge Style as Desired; Front Sight Adjustable for Elevation; Rear Sight, with Adjustable Screw, Adjustable for Windage; Sighting Radius, 9½ inches; The Action is Hand Finished, with Trigger Pull Light, Clean and Smooth with No Backlash; Trigger and Back Strap Finely Checked to Prevent Slipping.

22 Caliber; Shoots the Standard 22 Long Rifle Cartridges, Including High Speed; Length of Barrel, 10 inches; Especially Chambered to Insure Accuracy Demanded by Experts; Length Over All, 13¾ inches.

	Each	*Suggested Retail Price Each*
No. 22SS—Weight Each, 34 ozs.	$65.20	40.75

One in a Box

TARGET POLICE POSITIVE

Blued

Jointless Solid Frame; Swing-Out Embedded Cylinder; Checkered Wood Handle; Checked Trigger; Positive Lock; Block Rear Sight, Adjustable for Windage; Removable Front Sight Blade Fastened by Screw.

22 Caliber; 6 Shots

	Each	*Suggested Retail Price Each*
No. S2226CPT—(Heavy Frame); Shoots 22 Short, 22 Long and 22 Long Rifle Rim Fire Cartridges Only, Including High Speed	$48.00	30.00

One in a Box

32 Caliber; 6 Shots; Shoots 32 Police Positive, Also 32 S. & W. Cartridges; Swing-Out Cylinder.

	Each	*Suggested Retail Price Each*
+No. 2326CPT—6 inch Barrel; Entire Length, 10½ inches; Weight Each, 23 ozs.	$48.00	30.00

One in a Box

Colt TRADE MARK Automatic Pistols

ACE

TARGET

GOVERNMENT MODEL DESIGN

A Companion to the Already Famous 45 Cal. Government Model Automatic Pistol; Designed to Make Target Practice Economical; it is the Finest and Most Accurate Heavy Type 22 Cal. Automatic Pistol; Equipped with Adjustable Rear Sight for Both Elevation and Windage; Fixed Front Sight; Superprecisioned Barrel Especially Bored and Chambered for Any of the Following Cartridges; Remington Palma Hi-Speed, Remington Kleanbore Hi-Speed, Winchester Precision, U. S. NRA.; Checkered Trigger; Hand Finished Action Assuring Smoothness in Operation and Accuracy in Target Shooting; Full Blued Finish and Checkered Walnut Stock.

22 Caliber; Capacity of Magazine 10 Shots; Operates Best with Any of the Above 22 Long Rifle Cartridges; Length of Barrel, 4½ inches; Length Over All, 8¼ inches.

	Each	*Suggested Retail Price Each*
No. 2245AA—Weight Each, 38 ozs.	**$35.20**	40.75

One in a Box

WOODSMAN

AUTOMATIC TARGET MODEL

Equipped with Safety Lock; Magazine is provided with a Thumb Grip or Pin which Projects on Right Side and Enables Operator to Compress or Relieve Tension on Magazine Spring to Facilitate Loading Magazine. Partridge Front Sight, Adjustable for Elevation, Rear Sight Adjustable for Windage. Distance Between Sights, 9 inches. Capacity of Magazine, 10 Shots. Shoots 22 Long Rifle, High Speed or Regular Cartridges. (Always Use Greased or Slightly Lubricated Cartridges.) Blued Finish.

	Each	*Suggested Retail Price Each*
No. 22AA—22 Caliber; Length of Barrel, 6½ inches; Weight Each, 28 ozs	**$32.20**	32.00

One in a Box

NEW WOODSMAN PISTOL

New Woodsman with Shorter 4½ inch Barrel; Trappers, Hunters, Fishermen and Sportsmen in General will Find a Place for this New Short Barrel Woodsman with their Regular Equipment.

	Each	*Suggested Retail Price Each*
No. 224½AA—Length of Barrel, 4½ inches; Weight Each, 26 ozs.	**$32.20**	32.00

One in a Box

VEST POCKET

Hammerless

Two-inch Barrel; Slide Lock Safety and Grip Safety; Length Over All, 4½ inches; With Case Hardened Trigger; Weight, 13 ozs.

25 Caliber; Capacity of Magazine, 6 Shots; Shoots .25 Automatic Colt Rimless, Smokeless Cartridges.

Nos.	Finish	Kind of Handle	Each	*Suggested Retail Price Each*
2252AA	Blued	Checkered Wood	**$27.20**	17.00
2252AP	Blued	Pearl	**31.70**	21.00
252AA	Nickel Plated	Checkered Wood	**27.20**	17.00
252AP	Nickel Plated	Pearl	**31.70**	21.00

One in a Box

REGULAR POCKET

Hammerless

Three and Three-Quarter inch Barrel; Length Over All, 6¾ inches; Weight Each, 24 ozs.

32 Caliber; Capacity of Magazine, 8 Shots; Shoots 32 Automatic Colt, Rimless, Smokeless Cartridges.

Nos.	Finish	Kind of Handle	Each	*Suggested Retail Price Each*
2323¾AA	Blued	Checkered Wood	**$33.70**	20.50
2323¾AP	Blued	Pearl	**41.70**	27.00
323¾AA	Nickel Plated	Checkered Wood	**33.70**	20.50
323¾AP	Nickel Plated	Pearl	**41.70**	27.00

One in a Box

380 Caliber; Capacity of Magazine, 7 Shots; Shoots 380 Automatic Colt, Rimless, Smokeless Cartridges.

Nos.	Finish	Kind of Handle	Each	*Suggested Retail Price Each*
2380¾AA	Blued	Checkered Wood	**$32.70**	20.50
2380¾AP	Blued	Pearl	**41.70**	27.00
380¾AA	Nickel Plated	Checkered Wood	**32.70**	20.50
380¾AP	Nickel Plated	Pearl	**41.70**	27.00

One in a Box

GOVERNMENT MODEL

Hammer

45 Caliber; Capacity of Magazine, 7 Shots; Shoots 45 U. S. Government, 230 Grain Bullet and 45 Colt Automatic, 200 Grain Bullet; both Rimless and Smokeless Powder Full Jacketed Bullets; Length of Barrel, 5 inches; Length Over All, 8½ inches.

	Each	*Suggested Retail Price Each*
No. 2455AA—Weight Each, 39 ozs.	**$38.70**	36.75

One in a Box

SUPER 38

Hammer

38 Caliber; Capacity of Magazine, 9 Shots; Shoots 38 Automatic Colt Rimless, Smokeless Cartridges; 5-inch Barrel; Checkered Wood Handle; Checked Arched Housing; Full Blued; Length Over All, 8½ inches.

	Each	*Suggested Retail Price Each*
No. 2385AA—Weight Each, 39 ozs.	**$38.70**	36.75

One in a Box

NATIONAL MATCH GOVERNMENT MODEL

Hammer

45 Caliber; Capacity of Magazine, 7 Shots; Shoots 45 Caliber Colt Automatic Cartridges, Hand Honed, Smooth Target Action and New Selected "Match" Barrel; Checked Arch Housing; Checked Walnut Stocks; Square "Partridge" Type Rear Sight; 1/16 inch Front Sight; Full Blued Finish; All Government Safety Features

	Each	*Suggested Retail Price Each*
No. NM45—Weight Each, 39 ozs.	**$65.20**	40.75

One in a Box

GALVANIZED WARE

WATER PAILS

Standard Weight, Copper Bearing Steel, Hot Dipped Galvanized

Hot dipping process fills all seams assuring positive leak-proofing. Strong body swedge, tight double rolled bottom seam, large non-wedge ears.

Nos.	1082	1102
Tr. cap., qts.	8	10
Inches	9½x8½	10⅛x8⅞
Wt. doz., lbs.	19	22½
Per dozen	$6.30	6.78

Nos.	1122	1142
Tr. cap., qts.	12	14
Inches	10¾x9¾	11⅛x10⅞
Wt. doz., lbs.	24	29½
Per dozen	$7.59	8.40

No.	1162
Tr. cap., qts.	16
Inches	12x11
Wt. doz., lbs.	31
Per dozen	$9.30

Made from Galvanized Sheets

Per dozen

No. 9102—Trade cap. 10 qts; 10½x8⅞ in.; wt. per doz 22½ lbs. $6 00

One dozen in a bundle.

Heavy Weight, Copper Bearing Steel, Hot Dipped Galvanized

Hot dipping process fills all seams assuring positive leak-proofing. Large heavy ears, extra deep foot, tight double rolled bottom seam

Nos.	1312	1314
Cap., qts.	13	15
Inches	12x9⅞	12⅝x10½
Wt. doz., lbs.	41	45
Per dozen	$15.60	17.40

No.	1316
Cap., qts.	16
Inches	12½x11¾
Wt. doz., lbs.	47
Per dozen	$18.00

One dozen in a bundle.

GALVANIZED WARE

CEMENT PAILS

Extra Heavy Copper Bearing Steel, Dip Galvanized

Double braced on bottom, without hoop

Per dozen

No. 540—Trade cap. 14 qts., 11⅞x10⅛ in.; wt. per doz 55½ lbs. $30 00

One dozen in a bundle

Double Extra Heavy

Copper bearing steel, dip galvanized.

Bottom double braced with wide strips; no hoops

Per dozen

No. 14—Trade cap. 14 qts.; 12x10¾ in., wt. per dozen 80 lbs. $36 00

One-half dozen in a bundle

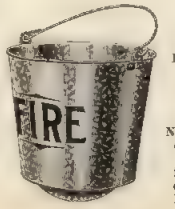
FIRE PAILS

Conical Shape; Copper bearing Steel, Hot Dipped Galvanized

Per dozen

No. 012—Tr. cap. 12 qts: 13¾ x 15 in.; wt. per doz 27 lbs. ..$18.00

One dozen in a bundle.



Round Bottom; Copper Bearing Steel, Hot Dipped Galvanized

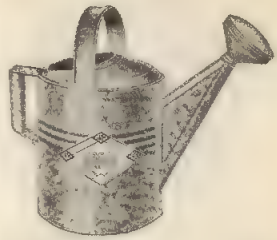
Per dozen

No. 212—Tr. cap. 12 qts., 10½ x 10½ in.; wt. per dozen 22½ lbs. ..$19.80

One dozen in a bundle.

GALVANIZED WARE

WATERING POTS



Heavy Copper Bearing Steel, Dipped Galvanized, Brass Rose

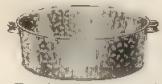
Paneled spout, bronzed terne plate rose back. Double seamed in body assures strength and eliminates leaks. Spout is low enough to permit perfect draining, yet is above bottom seam and produces a perfect joint.

Extra heavy one-piece bossed back handle. Triple rolled bottom seam. Nos. 618 and larger have radiator filling spouts.

Nos.	614	616	618
Cap., qts	4	6	8
Doz. in carton	⅓	¼	⅛
Wt. cart., lbs.	7½	9¾	12
Per dozen	$16.50	18 15	21.00

Nos.	620	622	626
Cap., qts	10	12	16
Doz. in carton	⅛	⅛	⅛
Wt. cart., lbs.	14	15½	11
Per dozen	$24.00	27.00	33.00

REFRIGERATOR PANS



Copper Bearing Steel, Dip Galvanized

Deep, open side handles; pieced.

Nos.	2	3	4
Inches	14x4½	16x4⅞	18x5½
Wt. doz., lbs.	30	32	43
Per dozen	$13 50	15.15	18.75

One-half dozen in a bundle.

REFRIGERATOR FUNNELS

Hot Dipped Galvanized

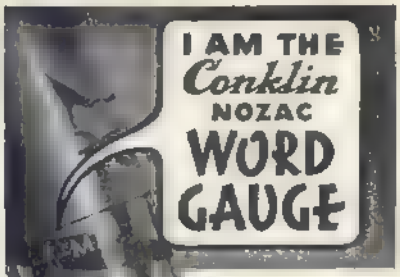
Leak-proof, rust-proof. Conveys the drip from the refrigerator to the drain pipe.

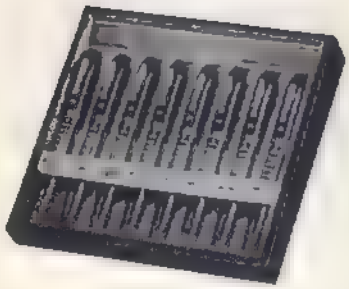
Per dozen

No. 6—9¼x2 in.; wt. per doz. 7 lbs. $6.00

Open stock.

Conklin
Pens-Pencils-Sets





No. X59 Conklin Nozac Assortment consists of eight No. 59 Black Nozac pens with different points, specially hand ground. The eight pens are mounted in a special velvet covered display tray. The assortment is sold complete with tray at the price of the pens alone, which retail for $10.40 each

No. X39 Conklin Nozac Assortment identical with the above in every way except that the pen is slightly smaller and retails at $7.34 each

THE Conklin Nozac is the only pen equipped with the Word Gauge which tells the writer at a glance how many words he has written and can write without refilling. It is the only such pen filled by the positive mechanical action of an unfailing, speedy, durable device that "winds like a watch." It affords full visibility of the ink supply at all times through the transparent walls of the ink chamber

No. M39 Conklin Nozac writes approximately 5130 words, enough for over 3000 average signatures, 30 ordinary letters, or 6½ hours of continuous writing. In other details identical with the No. 59, and available in the same three colors. Price, $6.12.

No. 80 pencil to match, $4.28

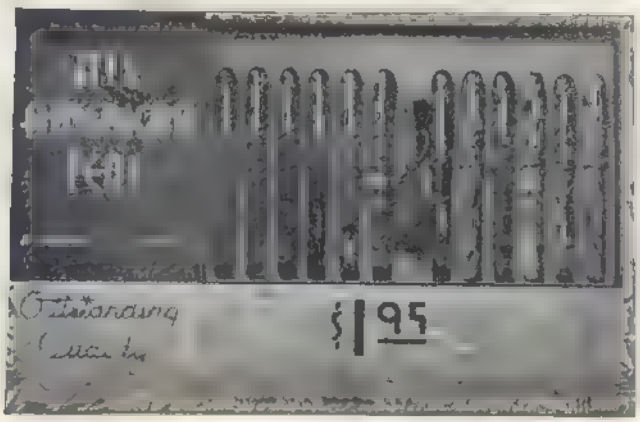
No. 8039 pen and pencil set

No. 59 Conklin Nozac writes approximately 7034 words, enough for over 6000 average signatures, 60 ordinary letters, or 9½ hours of continuous writing. In 3 colors—Black, Foliage Pearl and Scarlet Pearl. Two-way dual service point writes both regular and fine. Price $9.18

No. 80 pencil to match, $4.28

No. 8059 pen and pencil set.

All-American Desk Pen Set—a product of Conklin. Base of moderistic design in genuine Plaskon and chrome in 4 colors—Green, Red, Walnut and Black. Non-breakable materials, beautifully finished. Fitted with All-American desk pen with Oralloy nib (the new ink resisting specially developed alloy) tipped with genuine iridium carefully hand ground. Complete, list $2.65. Six or more, $2.55.



ALL-AMERICAN PENS
(a product of Conklin)

One dozen, assorted colors, mounted in the most attractive refillable display ever given to a low-priced line.

A splendidly made, beautifully finished, dependable pen Non-breakable materials. Regular gold nibs tipped with genuine iridium. Carefully ground points—a quality pen in every detail. Assorted colors. List $2.40 each.

Conklin

PENS • PENCILS • SETS

No. 150 Conklin Vacuum Filler (sackless pen (not a Nozac) Full transparent ink chamber. Simple, fast durable filling mechanism In Black, Foliage Pearl and Scarlet Pearl. $4.50
No. 75 pencil to match, $3.06.
No. 75150 pen and pencil set

No. 68C Conklin Endura Large size The standard of high quality in rubber sack pens Extra large size with clip. In Black and Foliage Pearl, $8.57
No. 80 pencil $4.28.
No. 8068 pen and pencil set

No. 48C—Conklin Endura. Medium size. In Black, Black and Gold, Foliage Pearl, and Gun Metal Pearl, $6.12.
No. 80 pencil to match, $4.28.
No. 8048 pen and pencil set

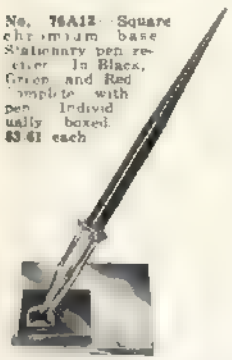
No. 38S Short Endura pen with ring In Black, Black and Gold and Foliage Pearl, $6.12
No. 80S pencil to match, $4.28.
No. 8038S pen and pencil set.

No. 18C Conklin high quality rubber sack pen with clip. In Black, Green Pearl, Scarlet Pearl, and Blue Pearl $4.28.
No 75 pencil to match, $3 06.
No 7518 pen and pencil set
No. 18S short pen with ring, $4.28.
No. 75S pencil to match, $3.06.
No. 7518S pen and pencil set

No. 26C Conklin fine quality rubber sack pen with clip Two colors, Black, Green and Gold, $3.24.
No. 60 pencil to match, $1.53.
No. 6026 pen and pencil set

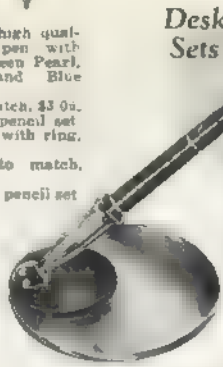
Desk Sets

No. 76A12 Square chromium base Stationary pen receiver In Black, Green and Red Complete with pen Individually boxed. $3.61 each



No. 77A12—Diamond-shaped chromium base Stationary pen receiver In Black Green and Red Complete with pen. Individually boxed. $3.61 each

Desk Sets



These desk sets are beautifully made of non breakable materials with heavy chromium base They can be fitted with any pen in the Conklin line Here is a low-price desk pen base of real quality and appearance

No. 75A12—Round chromium base Stationary pen receiver In Black, Green, and Red Individually boxed. Complete with pen, $3.61 each.

When ordering, always use Stock Number and specify Color.

THE CONKLIN PEN CO.

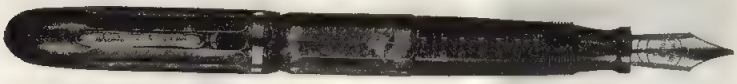
Toledo, Ohio, U. S. A.

Chicago - San Francisco - London - Sydney - Barcelona

CONKLIN NOZAC.

(NO SACK.)

Conklin Nozac is filled by a positive mechanical action, a revolutionary new filling device which operates with smooth ease and absolute certainty. The ink is instantly drawn into the ink chamber where the knurled end of the barrel is turned. Ink supply is always visible.



	Each
No. C-59—Fountain Pens; jet black	$9.70
No. C-59R—Fountain Pens; red pearl	9.70
No. C-59G—Fountain Pens; green pearl	9.70

Suggested retail, $7 50 each.

	Each
No. C-M39 Fountain Pens; jet black	$6.50
No. C-M39R Fountain Pens; red pearl	6.50
No. C-M39G—Fountain Pens; green pearl	6.50

Suggested retail, $5.00 each.

CONKLIN ENDURA.

WITH RUBBER SACK.

	Each
No. C-18RC Fountain Pens; red pearl	$4.50
No. C-18GC—Fountain Pens; green pearl	4.50

Suggested retail, $3 50 each.

	Each
No. C-26C—Fountain Pens; jet black	$3.50

Suggested retail, $2.75 each.

	Each
No. C-25614S Fountain Pens; jet black	$3.50

Suggested retail, $2.75 each.

	Per Set
No. C-7518R—Pen and Pencil Sets; red pearl	$6.50
No. C-7518G—Pen and Pencil Sets; green pearl	6.50
Suggested retail, $5.00 each.	
No. C-7518S—Pen and Pencil Sets; black	6.50
Suggested retail, $5.00 each.	
No. C-6526—Pen and Pencil Sets; jet black	5.00
Suggested retail, $3.95 each.	

SPENCERIAN.

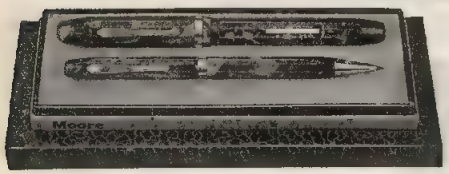
Genuine 12 kt. gold nib; hand finished; hard iridium tip Scientific feed, made of long lasting hard rubber Patented filling device insuring a generous supply of ink. Acid proof gold electroplated clip, band and filling lever. Two styles of points, fine and medium. Barrels in latest color effects, gloss black and Pearltex. Balanced barrel. A very attractive and compact display in buff and blue, with easel back. Suitable for counter or window display.

Per Assortment

No. C-100—Fountain Pen Assortments; size display card, 10¾x13¼ inches; weight each, 1 lb..... **$14.40**

PEN AND PENCIL SETS.

MOORE.



Per Set

No. C-1568—Pen and Pencil Sets; stylish brown pearl, hexagon shaped fountain pen with pencil to match; pen is fitted with No. 5 14k solid gold pen with iridium tip beautiful velvet lined gift box; weight per set 3 ozs **$3.00**

No. C-1569—Pen and Pencil Sets; grey pearl; otherwise same as No. C-1568..... **3.00**

No. C-1570—Pen and Pencil Sets; green pearl; otherwise same as No. C-1568 ..... **3.00**

Suggested retail, $3.00 each.

DESK SETS.

CONKLIN.

Per Set

No. C-7512A—Desk Sets: 4-inch round metal base, chrome plated; black trim; fitted with Conklin desk fountain pen; weight per set, 1 lb. **$3.90**

No. C-7512G —Desk Sets; chrome and green trim; otherwise same as above..... **3.90**

No. C-7512R—Desk Sets; chrome and red trim; otherwise same as above..... **3.90**

Per Set

No. C-1319—Desk Sets; genuine Pedrara onyx base, highly polished size 4x4½ inches, kidney shaped, rough edges; fitted with ($5.00) desk fountain pen; weight per set, 1½ lbs.....**$13.00**

Suggested retail, $10.00 per set.

No. C-113—Desk Sets; Pedrara onyx base, approximate size, 3x4 inches, oval shaped, chipped edges; fitted with Conklin desk fountain pen; weight per set, ⅔ lb **9.40**

Suggested retail, $7.25 per set.

CASTING MINNOWS
CREEK CHUB

PIKIES
Large

This New Nature Lure so Closely Imitates the Pike Minnow in Shape, Color and Movement That the Combativeness of the Bass is Aroused, and They Strike to Kill; The Pike is a Near Surface Wiggler, or by Turning the Screw Eye a Few Turns and Reversing the Mouthpiece, You Have a Surface Splatter; Length Over All, 6 inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
700	Pike Minnow	$16.80 12 00
701	Natural Perch, Scale Finish	16.80 12.00
702	White with Red Head	16.80 12.00
704	Golden Shiner	16.80 12.00
718	New Silver Flash	16.80 12.00

CREEK CHUB
PIKIES—Medium

Length Over All, 3¼ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
800	Pike Minnow	$15.60 11.40
801	Natural Perch, Scale Finish	15.60 11.40
802	White with Red Head	15.60 11.40

Twelfth Dozen in a Box

CREEK CHUB
PIKIES—Small

Length Over All, 3¼ inches; Weight Each, ¼ oz.

Nos.	Color	Per Dozen
2200	Natural Pike	$14.40 10.20
2213	All Black	14.40 10.20
2218	Silver Flash	14.40 10.20

Twelfth Dozen in a Box

CREEK CHUB
CHUB WIGGLER

It Really Looks Like a Minnow Down to the Scales, and Has the Most Attractive Lifelike Movements.

Wagging Hooks at Tail Get the Short Strikes, Attractive Nickel Plated Fin at Head Swings To and Fro; Body of Red Cedar 3½ inches Long; Weight, Under One Ounce; Best of Hard Celluloid Finish; All Metal Parts Brass, Nickel Plated; Nickel Plated Hooks of Good Size; Tie Made to Swivel Ring; Glass Eyes; Pressure of Water Used for Movements and Different Depths; Does not Depend on Amount of Wood for Surface or Lead for Deep Fishing.

Nos.	Color	Per Dozen
100	Natural Creek Chub Finish; Scale Effect	$15 60 11.40
101	Natural Perch, Scale Finish	15 60 11.40
118	Silver Flash	15.60 11.40

Twelfth Dozen in a Box

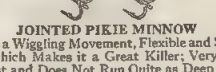
CASTING MINNOWS
CREEK CHUB

JOINTED PIKIE MINNOW

Has a Wiggling Movement, Flexible and Sensuous, which Makes it a Great Killer; Very Easy to Cast and Does Not Run Quite as Deep as the No. 700 Pikie; Length Over All, 4¼ inches; Weight Each, ¾ oz.

Nos.	Color	Per Dozen
2600	Natural Pikie, Scale Finish	$21.00 15.00
2601	Natural Perch, Scale Finish	21 00 15.00
2618	New Silver Flash	21 00 15 00

Twelfth Dozen in a Box



CREEK CHUB
JOINTED PIKIE MINNOW

Has a Wiggling Movement, Flexible and Sensuous, which Makes it a Great Killer; Very Easy to Cast; Length Over All, 3¼ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
2700	Natural Pikie, Scale Finish	$19.00 13.80
2701	Natural Perch, Scale Finish	19.00 13.80
2718	New Silver Flash	19.00 13.80

Twelfth Dozen in a Box

CREEK CHUB
CREEK DARTER

A Bait Which When Going Through the Water Darts About Near the Surface in a Life-Like Manner; a Very Easy Caster; Length, 3¼ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
2003	Natural Silver Shiner	$13.00 9.00
2005	Red Side	13.00 9.00
2007	Natural Mullet	13.00 9.00
2018	Silver Flash	13.00 9.00
2019	Frog Coloration	13.00 9.00

Twelfth Dozen in a Box

CREEK CHUB
BABY CHUB WIGGLER

Same as Creek Chub Wiggler, But Smaller, and Does Not Run So Deep; Length, 2¾ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
200	Natural Creek Chub, Scale Finish	$15.60 11.40
201	Natural Perch, Scale Finish	15 60 11.40
208	Green Back	15.60 11.40
211	Black with White Head	15 60 11.40

Twelfth Dozen in a Box

CASTING MINNOWS
CREEK CHUB

FLAT SIDE INJURED MINNOW

Resembles an Injured Minnow, Lying on its Side About All-in But Still Able to Make a Little Fuss on the Surface; Should be Pulled in a Series of Short, Slow Jerks to Imitate a Struggling Minnow; it is Irresistible to Bass; the Loose Vibration of the Spinners Gives to the Strike and the Weeds and is Far Superior to the Rigid Kind; When Pulled Through the Water, They Give a Buzzing Vibration Which is Very Attractive; Small Grass or Moss Does not Clog Them; Length Over All, 3¾ inches; Weight Each, ¾ oz.

Nos.	Color	Per Dozen
1501	Perch	$16.80 12.00
1503	White and Red	16.80 12.00
1504	Golden Shiner	16.80 12.00
1505	Redside	16.80 12.00
1518	New Silver Flash	16 80 12 00
1521	Luminous and Silver Flash	18.00 13.20

Twelfth Dozen in a Box

CREEK CHUB
NEW WIGGLE FISH

Has More Lifelike Movement When in the Water Than Almost Any Creek Chub Lure; Jointed Body and Wagging, Fluted, Nickeled Tail, Gives a Very Flexible Swimming Movement; it is a Getter of Bass, Pickerel, Pike and Muskies; it Floats and Dives but Does Not Run Deep; Length Over All, 3¼ inches; Weight Each, ¾ oz.

Nos.	Color	Per Dozen
2401	Perch	$21.00 15.00
2403	Silver Shiner	21.00 15.00

Twelfth Dozen in a Box

CREEK CHUB
THE PLUNKER

This Bait Derives its Name from the Plunking Noise it Makes When in Action; It is Cast and Then Retrieved by a Series of Short, Sharp Jerks Which Causes a Great Commotion on the Surface Following the Course of the Lure; Very Effective When Bass are Lying in Shallow Water and Amongst the Weeds; Two Treble Hooks; Length of Body, 7 inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
3200	Natural Pikie, Scale Finish	$13 00 9.00
3201	Natural Yellow Perch	13 00 9 00
3218	New Silver Flash	13 00 9.00

Twelfth Dozen in a Box

CASTING MINNOWS

BEST-O-LUCK

(Made by South Bend Bait Co.)

RIVER WOBBLER

A Standard in Style and Finish, Fast in Action and are Also Popular Retail Values.

Weighted River Wobbler, with Nickel Plated Headplate; Length, 2⅝ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
941RB	Rainbow, with Blue Back	$5.00 6.00
941RH	Red Head, with White Body	5.00 6.00
941N	Red Dace Scale Finish	5.00 6.00
941P	Pike Scale Finish	5.00 6.00
941YP	Yellow Perch Scale Finish	5.00 6 00
941MS	Minnow Scale Finish, Silver Black and Red	5.00 6.00
941MRH	Minnow Scale Finish, with Red Head	5.00 6.00
941BWH	Black Body with White Head	5.00 6.00
941PL	Lustrous Irridescent Pearl Finish	5.00 6.00
941W	White with Red and Green Decorations	5.00 6.00
941S	White with Green Stripe Down Back, Silver Speckled Body	5.00 6.00
941GS	Green Striped	5.00 6.00

Twelfth Dozen in a Box; One Dozen in a Carton.

Weight per Container, 1¼ lbs.

FIFTEEN POINTER

(Made by Creek Chub)

Sinking Type Lure; Can be Used for Casting or Trolling; Equipped with Spinner at Both Front and Rear; Furnished with Five Sets of Treble Hooks.

Nos.	Color	Per Dozen
FP1	Natural Yellow Perch	$8.00
FP2	White with Red Head	8.00
FP5	Red Side Minnow	8 00
FP8	Rainbow	8.00
FP9	Green Back	8.00
FP12	All Red	8.00

Twelfth Dozen in a Box

CASTING MINNOWS

BEST-O-LUCK

(Made by South Bend Bait Co.)

STANDARD WOBBLER

Standard Grooved Head Wobbler; Three Treble Hooks; Length, 3⅛ inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
943RH	Red Head, White Body	$5.00 6.00
943P	Pike, Scale Finish	5.00 6.00
943YP	Yellow Perch	5.00 6.00
943SF	Green Scale Finish	5.00 6.00
943RSF	Pike Finish with Red Blend	5.00 6 00
943RAIN	Rainbow	5.00 6.00

Twelfth Dozen in a Box

BEST-O-LUCK

(Made by South Bend Bait Co.

BABY WOBBLER

Baby Grooved Head Wobbler; Two Treble Hooks; Length, 2¾ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
942RH	Red Head, White Body	$5.00 6.00
942P	Pike, Scale Finish	5.00 6.00
942YP	Yellow Perch	5.00 6.00
942SF	Green, Scale Finish	5.00 6.00
942RSF	Pike Finish with Red Blend]	5.00 6.00
942RAIN	Rainbow	5.00 6.00

Twelfth Dozen in a Box

CREEK CHUB

WAG TAIL

A Bait Which Apparently Swims with its Tail; Has a Nickel Plated Tail which Swings Back and Forth as the Bait Travels Through the Water and the Flash of the Nickel Makes a Most Attractive Lure; Length Over All, 4 inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
800	Creek Chub, Scale Finish	$16 80 12.00
801	Natural Perch, Scale Finish	16.80 12.00
802	White with Red Head	16.80 12.00
818	New Silver Flash	16.80 12.00

Twelfth Dozen in a Box

CASTING MINNOWS

CREEK CHUB

CRAB WIGGLER

Nearest to the Live Crab in Looks and Movement: Natural Shape Body and Tail; Black Eyes; Rubber Legs; Bronze Hooks.

Can be Reversed for Surface Fishing; Length, 2⅜ inches; Weight Each, ¾ oz.

Nos.	Color	Per Dozen
300	Natural Crab, Shell Finish	$15.60 11.40
302	Albino Finish	15.60 11.40
315	Tan Color, Shell Finish	15.60 11.40
316	Steel Blue (River Peeler)	15.60 11.40

Twelfth Dozen in a Box

CREEK CHUB

BABY CRAB

Length, 2½ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
400	Natural Crab Color	$15.60 11.40
402	White with Red Head	15.60 11.40
415	Tan Color; Shell Finish	15.60 11.40

Twelfth Dozen in a Box

MITY MIDGET

(Made by Creek Chub)

An Underwater Lure, Especially Effective for River Fishing; Has a Wobbling, Darting Motion Under the Water which is Very Alluring to All Game Fish; Equipped with Two Sets of Treble Hooks; Length, 2⅝ inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
MM1	Natural Yellow Perch	$6.00
MM2	White with Red Head	6.00
MM3	Natural Silver Shiner	6.00
MM8	Rainbow	6.00
MM11	Black with White Head	6.00
MM18	Silver Flash	6 00

Twelfth Dozen in a Box

CASTING MINNOWS

CREEK CHUB

FLIP FLAP

Scientifically Balanced Combination of Metal Spoon and Wooden Lure; Floats when Not in Action; when Reeled Through the Water Creates an Up and Down Swimming Movement; Will Not Turn or Twist the Line; Length, 3¼ inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
4402	White Body, Red Head	$16.80 12.00
4405	Dace Finish	16.80 12.00
4418	Silver Flash	16.80 12.00
4419	Frog Finish	16 80 12.00

Twelfth Dozen in a Box

CREEK CHUB

NEW FIN TAIL SHINER

Nearest Lure to a Live Minnow in Looks and Action; Floats When Cast; Wiggles When Pulled Through the Water; Flat-Sided Like a Shiner; Weight Each, ¾ oz.

Nos.	Color	Per Dozen
2103	Silver Shiner	$21.00 15.00
2104	Golden Shiner	21.00 15.00
2101	Yellow Perch	21.00 15.00

Twelfth Dozen in a Box

SHAPLEIGH'S POINTERS

Jerk on Your Rod as You are Reeling will Often Lift the Bait Over an Obstruction and Rapid Reeling will do the Same Thing.

If Your Spoon Refuses to Revolve Give the Rod a Slight Jerk and This will Frequently Start the Spinner, After Which, Reel as Slowly as Before.

CASTING MINNOWS

CARTER

BEST EVER

The Wiggling Live Minnow Action of this Bait Makes it Very Effective for Bass, Pike and Other Game Fish; Easy to Cast; Length of Body, 3 inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
BE20	Red Head, White Body	$16.00
BE21	Red Head, Silver Body	16.00
BE23	Red Head, Yellow Body	16.00

Twelfth Dozen in a Box

CARTER

OLD BLACK JOE

The Original All Black Bait; Marvelous Wiggling, Live Minnow Action; Deadly for Bass, Pike and Other Game Fish; Equally Effective for Night or Day Fishing; Length of Body, 3 inches.

Per Dozen

No. BE25—All Black; Weight Each, ⅝ oz. $16 00

Twelfth Dozen in a Box

TOM THUMB

BABY TOM

A Sinking Bait; to be Reeled Fast; a Real Bass Getter; This is Not a Trolling Bait; Very Attractive; Two Treble Hooks; Length Over All, 2 inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
T200	White with Red Head	$13.00 9.00
T201	Silver with Red Head	13.00 9.00
T202	Perch	13.00 9.00
T203	Rainbow	13.00 9.00
T204	Light Body, Green and Red Spots	13.00 9.00
T206	Dark Back, Green Sides, White Belly	13.00 9.00
T219	Solid Black	13.00 9.00

Twelfth Dozen in a Box

TROLLING BAITS

SKINNER MUSKELLUNGE

(Illustration Shows Full Size on Muskellunge Bait Spoons.)

Extra Heavy Plain Brass Spoons; Aluminum and Vermilion Finish on Concave Side; Nickel Plated Polished and Burnished on Convex Side; English Hollow Point Treble Hooks; Bright Steel; Feathered with Best Grade Red, White and Yellow Feathers; Spring Brass Wire Shanks; Brass Box Swivels; No. SB9 Has One Swivel, SB12, Two.

Nos.	Size Spoon, ins.	Hook, Nos.	Wt. per Doz., ozs.	Per Dozen
SB9	3x1⅝	7/0	14	$10.80
SB12	3¾x1½	8/0	18	13 00

Half Dozen in a Box

(Illustration Shows Full Size on All Buel New Improved Bait Spinners)

BUEL

NEW IMPROVED

Brass Propeller Spinners; Combination Rolled Silver Plate and Burnished Copper Finish; English Hollow Point Treble Hooks; Bright Steel; Feathered with Best Grade Red, White and Brown Mottled Feathers; Hard Spring Brass Wire Shanks; English Brass Box Swivels.

Nos.	Size Spoon, ins.	Hook No.	Wt. per Doz., ozs.	Per Dozen
BB4	1¾x1⅜	1/0	6	$10.80
BB3	2½x1¼	3/0	8	12.00
BB2	2¾x1¼	4/0	11	12 00

Half Dozen in a Box

TROLLING BAITS

★SHAPLEIGH'S Triumph REG. IN THE U. S. PAT. OFFICE

DOUBLE SPINNERS

Brass Spinners; Nickel Plated and Polished on Upper Side, Vermilion Finish on Under Side; English Spear Point Treble Hooks; Bright Steel; Feathered with Red, White and Gray Feathers; Hard Brass Spring Wire Shanks; Red Glass Beads; Brass Barrel Swivels.

Nos.	Size Spinners, ins.	Hook, No.	Wt. per Doz., ozs.	Per Dozen
TTS00	1⅝x1⅛	6	3	$4.50
TTS0	1⅝x1⅜	4	5	5.50
TTS1	1⅝x1⅝	1	7	6.50
TTS2	1⅞x1¾	2/0	9	8.00

One Dozen in a Box

PFLUEGER

DOUBLE LUMINOUS SPINNERS

Brass Spinners; Nickel Plated and Polished on Upper Side; Luminous Composition and Vermilion on Under Side; Bronzed Steel; Feathered with Red, White and Guinea Feathers; Hard Brass Spring Wire Shanks; Brass Beads; Brass Box Swivels.

English Hollow Point Treble Hooks

Nos	Size of Spinners, ins.	Size, Hooks, No.	Weight per Doz., ozs.	Per Dozen
LTS000	⅞x⅝	5	4	$8.00
LTS00	1¼x¾	6	4½	9.00
LTS0	1⅜x⅞	4	8½	10.00
LTS1	1⅜x1⅛	1	10	11.00
LTS2	1⅜x1½	2/0	16	12.00

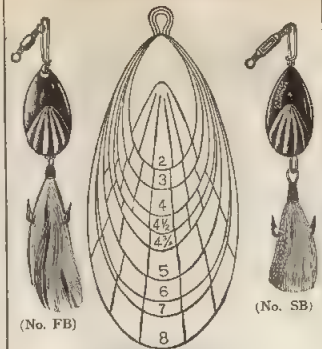
Half Dozen in a Box

DOUBLE LUMINOUS SPINNERS WITH TRAILER HOOKS

Nos.	Size of Spinner ins.	Size Treble Hook No.	Size Treble Trailer Hook, No.	Weight per Dozen, lbs	Per Dozen
TLTS0	1⅜x1⅛	4	6	½	$10.50
TLTS1	1⅜x1⅛	1	4	⅝	12.00
TLTS2	1⅞x1¾	2/0	3	1	13.50

One Dozen in a Box

TROLLING BAITS



(No. FB) (No. SB)

(Illustration Shows Full Size on All Fluted Trolling Bait Spoons.)

★SHAPLEIGH'S Mizzoo TRADE MARK REG IN THE U. S. PAT. OFFICE

FLUTED

Good Quality, Rolled and Stamped Brass Spoons; Vermilion Finish on Concave Side; Nickel Plated and Polished on Convex Side; Nicely Fluted; English Spear Point Treble Hooks; Bright Steel; Feathered with Red, White and Gray Feathers; Brass Spring Wire Shanks; Brass Barrel Swivels.

Nos.	Size Spoon, ins.	Hook, No.	Wt. per Doz., ozs.	Per Dozen
FB2	1½x⅝	5	2	$2.20
FB3	1⅝x¾	3	3	2.30
FB4	1¾x⅞	2	4	2.80
FB4½	1¹⅞x⅞	1	4	2.80
FB4¾	1⅞x⅞	1/0	4	2.80

One Dozen in a Box

SKINNER FLUTED

Best Stamped Brass Spoons; Aluminum and Vermilion Finish on Concave Side; Nickel Plated, Polished and Burnished on Convex Side; Correctly Fluted; English Hollow Point Treble Hooks; Bright Steel; Feathered with Best Grade Red, White and Gray Feathers; Spring Brass Wire Shanks; Brass Box Swivels.

Nos.	Size Spoon, ins.	Hook, No.	Wt. per Doz., ozs.	Per Dozen
SB2	1½x⅝	5	3	$4.50
SB3	1⅝x¾	3	3	4.50
SB4	1¾x⅞	2	4	5.00
SB4½	1¹⅞x⅞	1	4	5.00
SB4¾	1⅞x⅞	1/0	5	5.00
SB5	2⅛x1¹⅛	4/0	8	6.50
SB6	2¼x1⅜	5/0	9	6.50
SB7	2⅛x1⅝	6/0	10	8.00
SB8	2¹³⁄₁₆x1⅝	7/0	11	8.00

One Dozen in a Box

CASTING MINNOWS

ARBOGAST

TIN LIZ

A Casting Lure that is a Deadly Killer for Bass and Pike; Hook Always Rides Upright in the Water; Made of Metal with Glass Eyes; Spinner with Swivel Attached to Bend of Hook Gives a Swimming Action; Wobbles on its Side Like a Crippled Minnow; Weight Each, ⅝ oz.; Finished in Celluloid Enamel.

Per Dozen

No. WATL—Weedless; Color, Silver Shiner; Weight per Dozen, 1½ lbs.....$13.50

Half Dozen on a Display Card

Empty Boxes Furnished for Each Bait

We Do Not Break Cards

ARBOGAST

TWIN TIN LIZ

A New Casting Lure that is a Deadly Killer for all Game Fish; Hooks Always Lie Upright in the Water; Made of Metal with Glass Eyes; Spinner with Swivel Attachments to Bend of Hook Gives a Swimming Action; Designed to Imitate Minnows in Schools; Finished in Celluloid Enamel.

Per Dozen

No. TTL—Weight Each, ⅝ oz.; Weight per Dozen, About 1½ lbs..... .....$17.00

Twelfth Dozen in a Box

ARBOGAST

TIN LIZ SNAKE

A Northern Pike in Miniature; it has Snappy Action, and Any Game Fish Cannot Resist Taking a Crack at it; its Shape Gives Little Resistance in Air and Water; it Can be Cast Far and Rides Deep; it is the Perfect Bait for Fish that Lie in Deep Water.

Per Dozen

No. TLS—Weight Each, ⅝ oz.; Weight per Dozen, 1½ lbs.....$12.00

Twelfth Dozen in a Box

ADJUSTABLE WRENCHES

CRESCENT
CRESTOLOY

Chromium Plated
Single End

A New Developed Steel by the Makers of Crescent Wrenches; Will Stand a Strain of Over Twice that Required to Break a Regular Crescent Wrench; Yet they are One Third Thinner and Much Lighter; Handle Dull Satin Finish, Heads Polished and Buffed.

Nos.	Lgth., ins.	Cap., ins.	Thickness of Head Tip of Jaw, Fehst, in.	Tip of Jaw, in.	Wt. per Dozen, lbs.	Per Dozen
AC14	4	½	9/64	5/8	1¼	$14 90
AC16	6	9/16	11/64	7/8	3¾	14 90
AC18	8	11/16	11/64	1 1/16	6	18 00
AC110	10	13/16	15/64	1 5/16	9¾	22 50
AC112	12	15/16	19/64	1 9/16	18	31 00
AC115	15	1 1/16	11/32	1 13/16	39	48 00

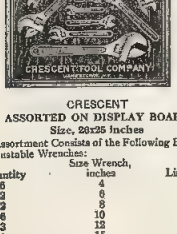
Twelfth Dozen in a Box

CRESCENT
Double End

Drop Forged Steel Handles; Hardened Tool Steel Jaws; Polished All Over, Except Web in Handle, Which is Black Oil Finish.

Nos.	Size, Capacity, Ins.	Wt per Doz.,lbs.	Per Dozen
CA68	3 ¼-11/16	8½	$21 60
CA810	10 11/16-1 1/16	14½	25 90

Twelfth Dozen in a Box



CRESCENT
ASSORTED ON DISPLAY BOARD
Size, 20x25 Inches

Assortment Consists of the Following Polished Adjustable Wrenches:

Quantity	Size Wrench, inches	List Price
6	4	$0.65
12	6	.65
12	8	.80
6	10	1.00
3	12	1.50
1	15	2.25
1	18	3.25
6 Double End	6–8	1.25
3 Double End	8–10	1.50

No Charge Made for Display Board
Per Assortment

✣No. DB5—Complete with Wrenches and Display Board; Weight per Assortment, 70 lbs.....$71 15

One Assortment in a Box

WRENCHES IN ROLLS

✣SHARPE'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

FARMERS SET

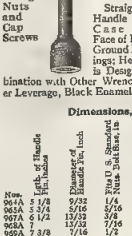
Canvas Roll, has Separate Compartments for Each Tool; Edges are Securely Sewed, Flap Folds over at One End; Secured by Black Tape at Center.

Set Contains 6 Wrenches; One Each: Nos. 677B, 679, 681B "S" Wrenches, One V Combination Nut and Pipe Wrench, One No. DEX10 Pipe Wrench and One No. DEK10 Monkey Wrench Per Set

No. DEX265—Weight per Set, 6¼ lbs....$7 00
One Set in a Roll

SOCKET OR NUT WRENCHES

J. H. WILLIAMS & CO.



For Hexagon Nuts and Cap Screws

Work Successfully in Awkward Places; Adapted to Automobiles and in Any Branch of Machine or Engine Use

Straight Pattern with Pin Handle Drop Forged Steel, Case Hardened Finished; Face of Heads Hardened and Ground Bright; Milled Openings; Hexagon End of Shank is Designed for Use in Combination with Other Wrenches to Secure Greater Leverage, Black Enameled Finish.

Dimensions, Etc.

Nos.	Length of Handle in Inches	Diameter of Handle Near Tooth	Thick U. S. Standard Nuts Ball Near to	Size Cap Screws Will Clear, Inch	Diameter of Opening, Inch	For U. S. Standard Cap Screws Size Bolt, Inch
964A	5 1/8	9/32	1/4	5/16	33/64	5/16
965A	5 3/4	5/16	5/16	...	39/64	.....
967A	6 1/2	13/32	3/8	...	45/64	.....
968A	7	13/32	7/16	...	51/64	.....
969A	7 3/8	7/16	1/2	5/8	57/64	9/16
971A	8 1/4	1/2	5/8	1	1 5/64	3/4
973A	9 1/8	5/8	3/4	1	1 25/64	7/8

Nos.	Diam. Head, ins.	Diam. Shank, ins.	Lgth., ins.	Wt. Ea., ozs.	Each
964A	¾	⅜	5	5	$1 05 1.04
965A	⅞	⅜	6¾	8	1 15 1.18
967A	1	½	6½	15	1 40 1.42
968A	1¼	⅝	7	18	1 45 1.44
969A	1⅜	⅝	7¾	22	1 75 1.74
971A	1⅝	¾	8¼	32	2 20 2.20
973A	1⅞	⅞	9½	50	3 00 3 00

Loose

BRACE SOCKET WRENCHES

HARGRAVE

Malleable Iron, Hardened so as to Give the Greatest Durability Together with Maximum Strength; Natural Finish Shank, Polished Face; Each Size Accurately Fitted to U. S. Standard Nut Size; Shoulder Prevents Nut Working Far Up Into Wrench and Open Shank Prevents Clogging with Dirt.

Square Opening
for U. S. Standard Nuts, Cap and Set Screws

Nos.	Size Opening, ins.	Wt. per Dozen, lbs.	Per Dozen
152	⅜	1⅝	$5 00
153	7/16	1¾	5.60
154	½	2 1/16	6.40
155	9/16	2⅝	7.00
156	⅝	3⅛	8.30
1560	11/16	3¾	9.10
157	¾	4⅛	9.90
158	⅞	5⅛	10 50
159	1	7¾	11 80
160	1⅛	8	12.70
161	1¼	10	14.00

Nos. 152 to 1560 One Dozen, Balance, Half Dozen in a Box

HARGRAVE
Hexagon Opening
for U. S. Standard Nuts and Cap Screws

Nos.	Size Opening, in.	Wt. per Dozen, lbs.	Per Dozen
166	⅜	1⅝	$5.00
167	7/16	1¾	5.60
168	½	1½	6.40
169	9/16	2	7.00
170	⅝	2⅝	8.30
171	11/16	3	9.10
172	¾	3¾	9.90
173	⅞	4½	10.50
1731	1	4¼	11.30

Nos. 166 to 171 One Dozen, Balance, Half Dozen in a Box

Items Marked ✣ Not Carried in Stock, Can Only be Furnished by Shipping Direct From Factory, F. O. B., Jamestown, N. Y.

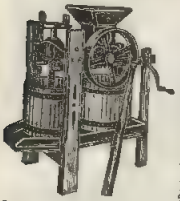
CIDER MILLS

CROSS

Frames Made of Tough Hardwood; Troughs of Poplar Which Throws Off No Odor and Leaves No Taint; Press Levers Turned From Straight Grained Ash; Shafts and Press Screws are of Cold Rolled Steel, Press Screw With Machine Cut Threads Operates Through Heavy Fine Textured Steel Cross Head; All Parts Precisely Machined Insuring Smooth Working and Eliminating Any Possibility of Repair Parts Not Fitting.

Self-Aligning Bearings Make Possible Easier Adjustments for Grinding to Any Degree of Fineness, Grapes May be Crushed Without Breaking the Seed, Also Makes it Impossible for Shafts to Bind.

All Wood Parts are Varnished and Neatly Striped; Metal Parts are Painted Gray and Trimmed in Gold; Rollers are Tinned.



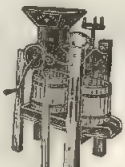
Senior

A Large Mill of Great Capacity; Operated Easily by Hand With Two Cranks on Opposite Sides; a Belt Pulley, 3½ inches is Furnished for Power Operation; Equipped With Self Aligning Bearings. Legs, 40 inches High; Press Screw, 2x2½ inches; Size Pulley, 3½x18 inches; Tubs Are One Piece Construction, 14 inches High, 17 inches in Diameter; Capacity, 15 to 18 Bushel per Hour.

Each

✣No. SR—Weight Each, 340 lbs.....$74.30

Loose



Junior and Medium

Two Popular Sizes, Easily Operated by Hand; Equipped With Self Aligning Bearings; Comes With Only One Crank.

Nos.	✣M	✣JR
Height of Legs, inches	40	36
Height of Tubs, inches	12	10
Diameter of Tubs, inches	14	12
Size Press Screw, inches	1½x20½	1⅛x18¾
Dia. Fly Wheel, inches	17	16
Capacity per Hour, Bushels	10 to 12	6 to 8
Weight Each, lbs.	225	180
Each	$52.30	44 00

Loose

Self Feed; Family Size

A Sturdy Single Roll Mill, Will Handle All Sizes of Apples; Equipped With Large Balance Wheel.

Agitator Plate Actuated by an Eccentric Arm Driven Off the Crank Shaft Prevents Clogging and Insures Fast Grinding; Can be Adjusted to Grind Coarse or Fine Legs 40 inches High; Tub, 14 inches Wide, 12 inches High, Press Screw, 1¼x24½ inches, Wood Parts are Varnished and Neatly Striped; Metal Parts are Painted Gray and Trimmed in Gold; Rollers are Tinned; Capacity, 5 to 7 Bushel per Hour.

Each

✣No. OH—Weight Each, 135 lbs. $33 30

Loose

NOTE—All of the Above Mills are Equipped With One-Piece Tubs; Hinged Tubs Can be Supplied at $2.00 per Tub Extra.

GRAPE AND BERRY CRUSHERS

HOOSIER

Hopper is Hardwood; Size, 19⅛x19⅛ inches Square at Top; 8 inches Deep; Side Rails 32 inches Long and the Crusher is 11 inches Wide Without the Hopper.

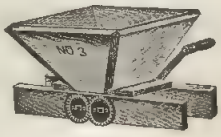
Aluminum Roll, Size, 4⅛x9 inches and Carries Twelve Rows of Strong Teeth Which Mesh Closely with the Teeth on the Aluminum Side Plates; the Aluminum Roll is Firmly Fastened to a ⅝-inch Steel Shaft; Crank is 9½ inches Long; All Wood Parts Finished in Oil and Varnished; Will Not Crush Apples, Pears or Other Hard Fruits.

Each

No. GC2—Weight Each, 18 lbs.....$11.70

One in a Crate

CROSS



An Efficient Crusher With Deep Tooth Italian-Type Rolls, 5 inches Long; Rolls Work in Steel Bearing Plates and Will Not Bind; Cast Gears; Crank is of Large Size Making it Easy to Turn; Will Crush Thoroughly and Easily; Hopper Capacity is ½ Bushel; Rails, 24 inches Long.

Each

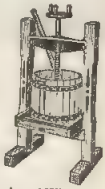
No. GC3—Weight Each, Complete, 20 lbs. $8.00

Loose

FRUIT PRESSES

CROSS

Heavy Cast Iron Cross-Heads; Press Screws Heavy Cold Rolled Steel With Accurately Cut Threads; Cast Iron Follower and Hand-wheel; Frames Are Heavy and Strongly Bolted Together; the Troughs Are Wide and Deep; Tubs Are Capacious; Will Withstand Great Pressure and Enable the User to Get All the Juice From the Fruit.

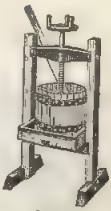


Regularly Equipped With Hinged Tub; Height of Frame, 36 inches; Tub, 10 inches High, 12 inches Diameter; Size of Press Screw, 1⅜x18¾ inches; Capacity, ½ Bushel.

Each

No. 1A—Weight Each, 57 lbs.....$17.60

Loose



CROSS

Regularly Equipped With Hinged Tubs; Height of Frame, 40 inches; Tub, 12 inches High, 14 inches Diameter; Size of Press Screw, 1⅜x20 inches; Capacity, ½ Bushel.

Each

No. 2C—Weight, Each, 82 lbs.....$33 20

PEERLESS

Cast Iron Cross Head; Smoothly Threaded Heavy Steel Press Screw and Steel Lever; Frame is Hardwood and is Strongly Bolted; Base is Thick Hardwood with Deep Groove; Tub Slats are Heavy Smooth Maple, Riveted to Steel Hoops; Equipped with Hardwood Follow Board; Height of Frame, 16 inches; Size of Tub, 9x9 inches; Diameter of Press Screw, ¾-inch.

Each

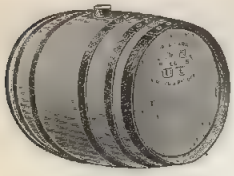
No. K0—Weight Each, 21 lbs..... $5.00

Loose

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct From Factory, F. O. B. Bluffton, Ind.

KEGS

UC



CIDER KEGS

White Oak; Thoroughly Dry; Varnished and Paraffined· Heavy Steel Hoops; 1¾-inch Bung Hole in Bilge; 1-inch Faucet Hole Between First and Second Hoop.

Nos.	Cap. gals.	No. of Hoops	Wt. Each, lbs.	Each
C5	5	6	11	$3.80
C10	10	6	20	3.50
C15	15	6	25	4.10
C20	20	6	33	4.80
C25	25	6	36	5.50

Loose

UC

BEVERAGE KEGS

White Oak; Tight Sap; Charred; Thoroughly Dry; Heavy Steel Hoops; 1¾-inch Bung Hole in Bilge.

Nos.	Cap., gals.	No. of Hoops	Wt. Each, lbs.	Each
E1	1	6	3	$2.10
E2	2	6	4	2.40
E3	3	6	8	2.80
E5	5	8	11	3.30
E10	10	8	20	4.30
E15	15	8	25	4.90
E20	20	8	33	5.60
E25	25	8	36	6.20
E30	30	8	41	6.90
E50	50	8	70	12.00

Loose

KEGS

UC

BEVERAGE KEGS

White Oak; Sap Clear; Charred; Thoroughly Dry; Heavy Steel Hoops; 1¾-inch Bung Hole in Bilge.

Nos.	Cap., gals.	No of Hoops	Wt. Each, lbs.	Each
H1	1	6	3	$2.30
H2	2	6	4	2.70
H3	3	6	8	3.10
H5	5	8	11	3.90
H10	10	8	20	4.90
H15	15	8	25	5.60
H20	20	8	33	6.90
H25	25	8	36	7.50
H30	30	8	41	8.00
H50	50	8	70	15.30

Loose

UC

BEVERAGE KEGS

White Oak; Tight Sap; Charred; Thoroughly Dry; Heavy Galvanized Hoops; 1¾-inch Bung Hole in Bilge.

Nos.	Cap., gals.	No. of Hoops	Wt. Each, lbs.	Each
GH1	1	6	3	$2.20
GH2	2	6	4	2.50
GH3	3	6	8	2.90
GH5	5	6	11	3.30
GH10	10	8	20	4.30
GH15	15	8	25	5.10
GH20	20	8	33	6.00
GH25	25	8	35	6.70
GH30	30	8	41	7.10
GH50	50	8	70	12.70

Loose

KEGS

Oak; Varnished Outside; with Four ⅜-inch Black Steel Hoops; Hardwood Handle, with Copered Steel Bent Wire Bail; Metallic Mouthpiece with Cork Stopper; ¾-inch Diameter.

HARVEST OR FIELD

Nos.	Cap., gals.	Lgth, ins.	Diam., ins.	Wt. per Doz., lbs.	Per Dozen
HK1	1	10	6¾	45	$10.00
HK2	2	11½	7¾	66	13.80
HK3	3	12½	9½	96	15.30

Nos. HK1 and HK2, Half Dozen; No. HK3, Third Dozen in a Bundle

SHAPLEIGH'S
★REDSTRONG

RAILROAD WATER KEGS

Painted Red; with Hinged Cover; Wrought Iron Side Handles.

Nos.	Cap. gals.	No. of Hoops	Wt. Each, lbs.	Each
R5	5	6	10	$3 30
R10	10	6	17	4 10
R15	15	6	22	4.70
R20	20	6	27	5 90
R30	30	6	35	6 90

Loose

STANDARD

RAILROAD WATER KEGS

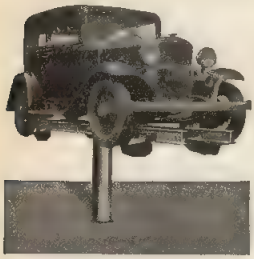
Varnished Oak; Hinged Cover; Wrought Iron Side Handles.

Nos.	Cap gals	No. of Hoops	Wt. Each, lbs.	Each
05	5	6	12	$3.1
010	10	6	20	3.8
015	15	6	25	4.5
020	20	6	30	5.4
025	25	6	35	5.8
030	30	6	40	6.3
050	50	6	70	8.4

Loose

ROTATING CAR LIFTS

CURTIS AIR-ON-OIL AND ELECTRICALLY OPERATED



1934 cars with independent front wheel suspension can be handled on Curtis Free Wheel Lifts without any difficulty whatever.

Prices on lifts, also on pumping units, as well as on extras when ordered with the lift, include full freight allowance to railroad destination. Prices on extras listed, when ordered separately or later, are F. O. B. St. Louis

Diameter Plunger	9½ in.	10½ in.
Free-wheel with movable front axle supports and movable rear sled	RL-915 *$240.00*	RL-15 *$285.00*
Free-wheel with movable front axle supports, movable rear sled, front and rear "drop-away" wheel guides which automatically "spot" the car over the lift	RL-920 *$261.00*	RL-20 *$306.00*
Roll-on with 12-in. channel runway, 16-in. hinged ends	RL-910 *$350.50*	RL-10 *$365.00*
Roll-on 17¾-in. open side runway with 16-inch hinged ends	RL-917 *$363.50*	RL-17 *$378.00*

TRUCK AND BUS LIFTS

No. RL-1415—12,000 lb. cap. free-wheel bus lift, with 13¾-in. plunger and 16-ft. platform *$608.00*

No. RL-1815—20,000 lb. cap. free-wheel bus lift, 17¾ in. plunger, 23-ft. platform, otherwise same as No. RL-1415 ..... *$815.00*

ELECTRIC PUMPING UNIT

Unit only, when furnished with one or more lifts but not including lift, consistsnig of motor-driven pump, tank and housing, electrical control switch, cushioned oil lock check valve and release valve, also selector valve if for more than one lift -

	D. C. 110 or 220 Volt	A. C. Sgl. Ph. 60 Cycle 220 Volt	A. C. 3 Phase 60 Cycle 110 or 220 Volt
EL-1—For 1 passenger car lift	*$211.00*	*175.00*	*175.00*
EL-2—For 2 passenger car lifts	*211.00*	*175.00*	*175.00*
EL-3—For 3 passenger car lifts	*211.00*	*175.00*	*175.00*
EL-4—For 1 12,000 lb. bus lift	*211.00*	*175.00*	*175.00*
EL-5—For 1 20,000 lb. bus lift	*211.00*	*175.00*	*175.00*

Provision is made in the above prices for the fact that the separate oil storage tank ordinarily furnished with the air operated oil-locked lift is not required since the pumping unit incorporated its own oil tank.

SEPARATE UNIT

If pumping unit is ordered separately (without one or more lifts) same prices will apply but prices will be F. O. B. St. Louis, Mo.

EXTRAS FOR ALL TYPES OF LIFTS

Locking Chains for free-wheel lift, per pair ..... *$ 3.50*

Safety Leg—Included with truck and bus lifts as standard equipment. Furnished with other types of lifts at no extra charge if requested at the time of ordering the lift.

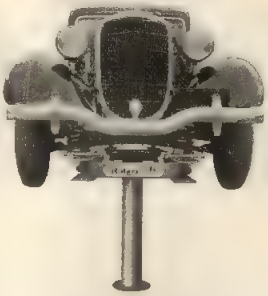
Sleeve for placing around the cylinder when installing the lift, to permit the removal of lift later without loss of cylinder; for 10½ in. or 9½ in. plunger lifts, when furnished at the time of ordering the lift *5.00*
If furnished later or separately, price will be *7.00*

Sleeve for the RL-1415 bus lift, when furnished with the lift *12.00*
When furnished later or separately *18.00*
For RL-1815 truck and bus lift, when furnished with the lift *15.00*
When furnished later or separately *22.50*

Night Service Lights ....On Application

ROTATING CAR LIFTS

ROTARY AIR OPERATED



Free-Wheel Type

Handles All the New Type Cars

Lubrication, tire and brake service, washing, repairs and maintenance are some of the many services which are more profitably handled on a Free-Wheel Type Rotary Lift. For lubrication, a Rotary Lift installed in a prominent location will attract more trade. Customers will be more interested and favorably impressed with the service. An installation in the shop or service department will serve as a work bench on which the car can be held where mechanics will have easier and more convenient access to the parts to be serviced. A Rotary Lift used as a wash rack will speed up this service and enable the operator to do a much better job.

Because of the variety in the types of front wheel suspensions now in use it is a distinct advantage to have a lift equipped with one set of supports which accommodate all types. Another advantage is having supports which can be adjusted to suit the various cars without having to exchange some of the parts or replace with a different set.

Rotary's front supports not only handle all types of cars but provide the most convenient and simple arrangement possible for adjusting them to the various types of wheel suspensions. Adjustments to suit any car can be made instantly without removing the supports from the lift.

Installation costs of Rotary Lifts are lower because the lift is self-contained, all working parts, speed and safety control devices, oil, etc., being contained in the lift itself. The only material required to complete the installation is the ⅛ inch pipe for the air line from compressor to lift and sufficient cement for an 18 inch concrete collar around the top of the jack. No extra fittings, outside tank, oil lines, or foot valves required, thus reducing installation costs to the lowest possible point.

Both raising and lowering of lift is controlled by a hand-operated valve which is furnished free. When the operator releases the handle the valve automatically closes, thus locking the lift in the position desired by the operator.

Beams are heavy 5 inch H sections 16 feet long to provide ample room to properly accommodate the longest cars and light trucks. Shorter beams furnished if preferred without extra cost. Lift is furnished complete with front and rear axle supports.

All models listed under Underwriters' Re-examination Service and have a capacity of 7,500 pounds.

FREE-WHEEL SELF-CONTAINED TYPE

	Each
No. 509—With 9⅛ inch plunger	*$240.00*
No. 510—With 10½ inch plunger	*285.00*

Freight Allowed

Auxiliary tank type lift can be furnished if preferred at the same prices.

Prices on this Page are Net to the Dealer.

DAISY POP GUNS

DAISY AUTOMATIC—(Factory No. 66).

Loads Automatically when Cocked; Usual Cork and String is Replaced by a Leather, Spring Controlled, Poppet Valve; Giving a Much Louder Report when Gun is Fired and Also Prolongs Life of the Gun; Metal Parts of Heavy Gauge Steel, Blued; Natural Finished Stock

	Per Dozen	Suggested Retail Price Each
No. DP66—Length 17¼ inches; Weight Each About 9 ozs.	$4.00	0.25

Six Dozen in a Case; Weight 43 lbs.

LITTLE DAISY POP GUN

(Factory No. 70)

An Inexpensive, Well Built Pop Gun; Has an Easy Break-Action, Making it Possible for the Smallest Child to Operat; Shoots Cork with Loud Report; Metal Parts of Blued Steel; Walnut Finished Stock.

	Per Dozen	Suggested Retail Price Each
No. DP70—Length 13¾ inches; Weight Each, About 6 ozs.	$1.60	0.10

One Gross in a Case; Weight 57 lbs.

DAISY ROCKET PISTOLS

All Steel, Absolutely Harmless Toy Pistol; A Reproduction—Line for Line—Even to its Distinctive Sound of the Rocket Pistol Carried Constantly by Buck Rogers, 25th Century Hero of Young America.

	Per Dozen
No. 31—Length of Pistol, 9½ inches; Weight per Dozen, 12 lbs.	$8.00

Twelfth Dozen in a Carton

REPEATING CAP PISTOLS

KILGORE

THE PAL

50 SHOTS

Shoots Kilgore Patented Perforated Repeating Caps Only

Automatic Repeating Toy Cap Pistol; Fifty Shot; Colt Model; Easy to Load; Easy Trigger Action; Gun Metal Finish; Handsomely Finished.

	Per Dozen
No. PA100—Weight per Dozen, 6 lbs.	$4 00
When Sold Only in 5 to 1 Ratio: 1 Dozen Pistols, 5 Dozen Caps. Per Combination	
No. CPA100	$8 50

KILGORE

BORDER CONTROL

50 SHOTS

Shoots Kilgore Patented Perforated Repeating Caps Only

A Larger and Heavier Automatic Repeating Toy Cap Pistol; Fifty Shot; Colt Model; Easy to Load; Easy Trigger Action; Sprocket Wheel Feed Insures Positive and Rapid Shooting; Gun Metal; Handsome Finish.

	Per Dozen
No. PB200—Weight per Dozen, 7½ lbs.	$5.00
When Sold Only in 5 to 1 Ratio: 1 Dozen Pistols, 5 Dozen Caps. Per Combination	
No. CPB200	$8.00

ROTARY TOY CAP PISTOLS

KILGORE

SIX SHOOTER

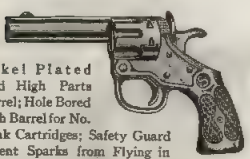
SIX SHOTS

Shoots Kilgore Patented Mammoth Disc Caps Only

Automatic Rotary Toy Cap Pistol; Breaks Open Just Like Regular Revolver; Six Shots with One Loading; Easy to Load; Easy Trigger Action; Gun Metal Finish.

	Per Dozen
No. SS300—Weight per Dozen, 9 lbs.	$6.00
When Sold Only in 5 to 1 Ratio: 1 Dozen Pistols, 5 Dozen Caps. Per Combination	
No. CSS300	$9.60

BLANK CARTRIDGE PISTOLS



Nickel Plated Polished High Parts and Barrel; Hole Bored Through Barrel for No. 22 Blank Cartridges; Safety Guard to Prevent Sparks from Flying in Face, and Fingers Guard; Absolutely Safe.

Nos.	Length ins.	Weight per Dozen, lbs.	Per Dozen
1818	6	8	$9.00
1817	5	5½	6.50
1816	4	4½	4.50

One Dozen in a Carton

REPEATING CAPS

KILGORE PERFORATED

FOR AUTOMATIC CAP PISTOLS

The Loudest Repeating Cap Made; Put Up Five Rolls, or 250 Shots, in a Box.

	Per Dozen Boxes
No. KAC—Weight per Dozen Cartons, ½ lb	$0 65

Five Dozen in a Carton

DISC CAPS

KILGORE

SIX SHOTS

For Use in Kilgore Six Shooter Pistol; Always Gives Loud Report; Six Shots in a Disc; 18 Discs, or 108 Shots in a Box.

	Per Dozen Boxes
No. KDC—Weight per Dozen Boxes, 1 lb.	$0.64

Five Dozen in a Carton

Target Revolvers

HARRINGTON & RICHARDSON SPORTSMAN

Hand Fitted, Super Accurate, Break Down, for Target Work or for Field and Small Game Shooting; New Steel Safety Ring Cylinder which is Positively Locked by Independent Locking Latch; Partridge Type Front Sight; Adjustable Rear Sight; Spur Trigger Guard; Checkered Walnut Stocks; Nine Shots; Shoots 22 Long Rifle, 22 Long and 22 Short Cartridges, Either Regular or High Speed Ammunition.

	Each	Suggested Retail Price, Each
No. H2226SS—Single Action; Trigger Pull, 2½ to 3lbs.; 6-inch Barrel; Blued Finish; Weight Each, 29 ozs. One in a Box	**$33.00**	20.00
No. H2226SD — Double Action, 22 Caliber; 6-inch Barrel; Blued Finish; Weight Each, 28 ozs. One in a Box	**$33.00**	20.00

HARRINGTON & RICHARDSON SPECIAL TARGET MODEL HEAVY FRAME

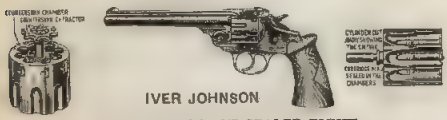
New Safety Steel Ring Cylinder with Positive Cylinder Stop for Use with Hi-Speed Cartridges; Gold Front Sight; New Style Hand Formed Walnut Hi-Grip; Checkered; 9 Shot; Shoots 22 Long Rifle, 22 Long and 22 Short Cartridges.

	Each	Suggested Retail Price, Each
No. 2226THT — 22 Caliber; 6-inch Barrel, Blued Finish; Weight Each, 26 ozs. One in a Box	**$20.50**	12.75

HARRINGTON & RICHARDSON 922 MODEL

New Safety Steel Ring Cylinder with Positive Cylinder Stop for Use with Hi-Speed Cartridges; Gold Front Sight; New Style Hand-Formed Hi-Grip Checkered Walnut Grips; 9 Shots; Shoots 22 Long Rifle, 22 Long and 22 Short Cartridges.

	Each	Suggested Retail Price, Each
No. 922 — 22 Caliber; 6-inch Barrel, Blued Finish; Weight Each, 21¾ ozs. One in a Box	**$13.00**	8.25



IVER JOHNSON New 22 SUPERSHOT SEALED EIGHT

An Excellent Revolver for Target Practice, Vacation, Sports, Camping and Home Protection; One-Piece Western Walnut Checkered Grip.

22 Caliber; 8 Shots; Shoots 22 Long Rifle Cartridges; Factory Tested with Proof Loads Developing 10% Greater Breech Pressure than Any 22 Long Rifle Factory Loaded Cartridges.

	Blued Each	Suggested Retail Price, Each
No. S2226—6-inch Barrel; Weight Each, about 23 ozs. One in a Box	**$20.60**	13 75

HARRINGTON & RICHARDSON TRAPPER MODEL

For Trappers, Campers, Target Shooting; Gold Front Sight; Hand-Formed Walnut Target Grips; Checkered, 22 Caliber; 7 Shots; Small Frame; Shoots 22 Long Rifle, 22 Long or 22 Short Cartridges.

	Blued Each	Suggested Retail Price, Each
No. 2226TG—6-inch Barrel; Weight Each; 12¼ ozs. One in a Box	**$12.60**	8 25

IVER JOHNSON TARGET SEALED EIGHT

One-Piece Hi-Hold Checkered Target Grip; Extra Heavy Frame; Gold Sight; Scored Trigger; 22 Caliber; 8 Shot; Shoots 22 Long Rifle Cartridges as Well as Regular Long or Short Sizes; Factory-Tested with Proof Loads, Developing 10% Greater Breech Pressure than Any 22 Long Rifle Factory-Loaded Cartridge.

	Each	Suggested Retail Price, Each
No. J2226ST — Blued 6-inch Barrel; Weight Each, 24 ozs. One in a Box	**$12.60**	8.50

IVER JOHNSON NEW MODEL DE-FLEX SUPERSHOT; HEAVY FRAME

A Brand-New Model with All the Time Tested Iver Johnson Features, Including the "Hammer the Hammer" Safety; Very Popular with Hunters and Trappers, Automatic Shell Ejection; Partridge Sight and Gold Lettering; One-Piece Western Walnut Hand Checkered Grip.

Especially Designed for Target Practice and Vacation Sport.

22 Caliber; 9 Shots; Shoots 22 Rim Fire Short, Long and Long Rifle Cartridges.

	Each	Suggested Retail Price, Each
No. IJ22—6-inch Barrel; Weight Each, About 22 ozs. One in a Box	**$19.50**	12.75

AIR RIFLES
DAISY

Pump Action, 50 Shot Repeater

The fastest selling high grade air rifle built. A 50 shot repeater with forced feed, permitting easy firing from the shoulder. Cocks easily by simply pulling the slide toward the stock.

Take-down model, gun blue metal parts, American walnut stock, hand-milled "non-slip" grooves on butt of its pistol grip. adjustable rear sight. Per dozen

No. 25—38 in. long; weight each 3¼ lbs. **$124.80**

One in a box, six in a case.

Buck Jones Special, 60 Shot Repeater

26 in. barrel with channel feed type shooting barrel which holds 60 shots. New spring shot retainer insures maximum air pressure back of each shot.

Trombone cocking action just like that found on high priced sporting guns. New type air seal in firing chamber makes gun practically noiseless when discharged.

Beautifully engraved and detailed jacket bearing Buck Jones' name.

Full floating needle type compass inlaid and cemeted in hardwood stock. Accurate and sensitive, it gives you your directions at a glance.

Genuine easy-reading sun-dial burned into the natural finished stock. With the aid of the compass and sun-dial you can tell the time of day instantly. Per dozen

No. 107 -35 in. long; weight each 2½ lbs. **$70 80**

Six in a case.

Super, Buzz Barton Special, 1000 Shot Repeater

An accurate hard-hitting reverse lever action repeater, telescopic type sights.

Nickel plated and polished metal parts, natural finish oval turned stock which bears Buzz Barton's signature branded on it. Per dozen

No. 108—36 in. long; weight each 2¾ lbs. **$90.00**

Six in a case.

Buzz Barton Special, 1000 Shot Repeater

A brand new repeater introduced to the trade only a short time ago Named for and sponsored by Buzz Barton, youthful hero of western screen. A hard-hitting gun with accuracy insured by Daisy's new telescopic type sights.

Blued gun steel metal parts, natural finish hardwood stock with Buzz Barton's signature and typical cowboy scenes. Per dozen

No. 195—35 in. long; weight each 2 lbs. **$46.80**

Six in a case.

500 Shot Repeater

There's value plus in this rifle. It's an automatic repeater with magazine holding 500 shots. A new streamline design adding even greater beauty of design to a time-tested action.

Highly polished nickel plated metal parts, walnut finish hardwood stock. Per dozen

No. 102—31 in. long; weight each 1¾ lbs. **$36.00**

Twelve in a case.

AIR RIFLES
DAISY

Single Shot

A lever action single shot rifle. A thoroughly dependable gun, embodying the same action used in Daisy guns for years. Permanent shooting barrel insures successful operation over a long period of time.

Genuine blue heavy gun steel metal parts, walnut finish hardwood stock. Per dozen

No. 101 31 in. long; weight each 1¾ lbs. **$24.00**

Twelve in a case.

BENJAMIN

25 Shot Repeater

Auto-loading, bolt action, hammer fire, hair trigger safety

Shoots steel air rifle shot with compressed air. Each time the bolt is pulled back to set the hammer a shot automatically feeds into position from magazine

A perfect light hunting and practice arm, front blade sight and rear V sight. Gun metal finish barrel. Genuine walnut turned stock with pistol grip. Each

No. 700—36 in. long; take-down; wt. each 3¼ lbs. ... **$15.00**

One in a carton, one dozen in a case.

Single Shot

Breech loading, bolt action, hammer fire, hair trigger safety

Shoots lead or steel air rifle shot with compressed air and is the hardest shooting air rifle made. The air is compressed with a pump contained in large barrel and shooting force is adjustable according to the air pressure.

Safe, reliable and accurate for hunting small game and target practice. Front blade sight and rear V sight. Gun metal finish barrel. Genuine walnut turned stock with pistol grip. Each

No. 300—36 in. long, take-down; wt. each 3 lbs. **$12 00**

One in a carton, one dozen in a case.

AIR RIFLE SHOT
REMINGTON RED TOP

In Attractive Two-Color Container

Tube is strongly made of best quality shot shell paper, with telescoping cap. Red top, yellow body. Per case

No. 250—In 2¾ oz. (about 156 pellets) tubes; weight per case 21 lbs. **$9.00**

One hundred tubes in a case

FEDERAL

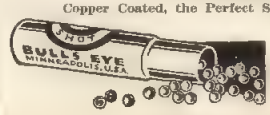
XL steel, cadmium plated. Per case

No. CD—In 2¾ oz. (about 202 pellets) tubes; weight per case 18½ lbs. **$7 50**

One hundred tubes in a case.

BULLS EYE STEEL

Copper Coated, the Perfect Shooting Pellets



Bulls Eye steel shot are accurate. Each pellet perfectly formed, which insures straight shooting. They are bright and shiny, are not poisonous like other kinds when held in the mouth They do not flatten out and do not clog the gun and can often be used over again. Per case

No. 1—About 200 pellets in an orange colored tube with blue cap.; wt. per tube 3 ozs ; wt. per case 18 lbs **$0 00**

One hundred tubes in a case

IMPORTANT ANNOUNCEMENT
TO THE TRADE

BY SPECIAL PERMISSION OF
WALT DISNEY ENTERPRISES

WE HAVE BEEN GRANTED AN

EXCLUSIVE CONTRACT

FOR THE USE OF

MICKEY MOUSE

AND OTHER WALT DISNEY CHARACTERS ON

WAGONS
SCOOTERS
PEDAL CARS
WHEELBARROWS

MICKEY MOUSE HAS GONE STREAMLINE

NEW NUMBERS THAT YOUR TRADE WILL DEMAND, ALONG WITH THE WELL KNOWN "SONNY" AND "DE SOTO" LINES WILL BE SHOWN

AT THE

TOY FAIR
HOTEL McALPIN
ROOMS 402-404

B. L. VERKLER
Sales Manager in Charge

R. L. GALLAUDET
Eastern Sales Representative

THE DAYTON TOY & SPECIALTY CO.
1114 BOLANDER AVENUE DAYTON, OHIO

LICENSED THROUGH KAY KAMEN, INC., EXCLUSIVE REPRESENTATIVE WALT DISNEY ENTERPRISES

(When writing to The Dayton Toy & Specialty Co. will you please mention PLAYTHINGS)

Molly-'Es

Announcing

HOLLYWOOD CINEMA FASHIONS For DOLLS

The latest Styles of Famous Movie Stars reproduced in Doll Clothes

•

America's Finest Line of

DOLL'S APPAREL and ACCESSORIES

NEW!
DOLL CARRIAGE SETS
•
BED SETS
•
LAYETTES FOR DY-DEE BABY
•
DOZENS OF FASCINATING NOVELTIES

Featuring
SELF-HELP Dresses with Talon Fasteners. Just Like the Kiddies Wear.

Molly-'Es new 1935 Line of Dolls' Apparel is outstanding for its distinctive styling and beautiful materials and workmanship. There are many timely and entirely original creations for all-year sales that you should see when at the Toy Fair.

NEW!
FILLED TRUNKS with HOLLYWOOD CINEMA FASHIONS for DOLLS

Just Out—Molly'es' Latest Creation

EDUCATIONAL Self-Help Stuffed ANIMALS

Reg. U. S. Pat. Off. 363007—Design Register No. 218

With Button on Legs

You've never seen anything like this brand new Molly-'Es Innovation. Original through and through, with a valuable educational feature that has won the endorsement of child educators. Full of real play value, while teaching boys and girls the Self-Help Idea in dress.

Toy Fair Display
HOTEL McALPIN
ROOM 879
"Mollye" and Mae Hansen
In Attendance

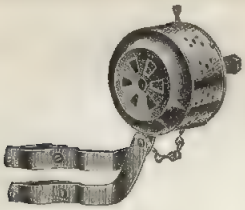
RAGGEDY ANN and RAGGEDY ANDY DOLLS
Made exclusively by Molly-'Es
Reg. U. S Pat Off. No. 363098

MOLLY-'ES DOLL OUTFITTERS, Inc.
68th St. and Woodland Ave. Philadelphia, Pa.

Look For The [illegible]
QUESTION MARK
HANGER
With Every
Molly-'Es Garment

When writing to Molly'Es Doll Outfitters, Inc., will you please mention PLAYTHINGS?

WHEEL HORNS OR SIRENS



WILD CAT

Will Fit Any Style Fork.

With Double Extension Bracket Built with 5/8 inch Balls and Adjustable Bearings, All Parts of which are Case Hardened and Polished; the Loudest Bicycle Siren Made; 3x2 inch Case; 16 inch Chain; Hard Red Fibre Roller.

Each

No. WC—Weight Each, 1½ lbs.....$1.80
Two in a Carton

SCREECH OWL

Will Not Fit Double Braced Motorbike Front Forks.

Size of Case, 3x2 inches; Nickel Plated; Hard Fiber Roller; Complete With Clamps; 20 inch Chain.

Each

No. SO—Weight Each, 2¼ lbs.....$2.00
Two in a Carton

ROLL FAST

CHIME SIREN

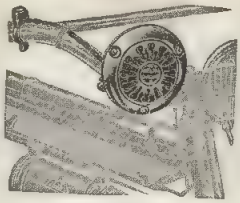
A Warning Signal that Produces a Continuous Alarm with a Clear Pleasing Tone; Fits all Makes and Sizes of Bicycles, Playcycles and Velocipedes, Whether Equipped with Single or Double (Truss) Forks; in Construction it is Foolproof and Durable; the Double Bracket Assures Rigidity and the Three Series of Perforations Give the Different Adjustments Necessary to Fit the Various Vehicles.

Each

No. RCB—Weight Each, 1½ lbs.....$1.50
One in a Carton

ELECTRIC BICYCLE HORN

DELTA-GANGWAY



Without Battery

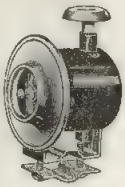
Size, 4½ inch Front Diameter; Bright Chrome Finish; Operates on No. HD600 (Page 618), or No. 6 Standard Dry Cell Battery.

Horn is Supplied with Push Button Switch, which Clamps on Handle Bar.

Nos.		Weight Each, lbs.	Each
GW	Without Battery Case	1⅝	$2.80
GWC	With Battery Case	2½	3.50

One in a Carton

BICYCLE HORNS



Black Enameled

Size, 3 inches Long; 5¼ inches High Over All; Diaphragm with Adjusting Nut; Aluminum Finished Body; Polished Plunger and Face; Complete with Bracket.

Each

No. 1—Weight Each, ¾ lb.....$1.10
One in a Carton

HANDLE BAR SIRENS

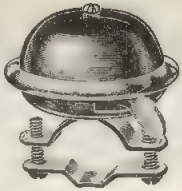
PERSONS

Made for Use on Velocipedes, Parkcycles, Scooters, Etc; 5 inches Over All; Equipped with Bracket for Attaching to Handle Bar.

Per Dozen

No. KS—Weight per Dozen, 3¾ lbs.....$9.60
One Dozen in a Box

BICYCLE AND VELOCIPEDE BELLS



Rotary Electric Stroke; Steel Gong, Nickel Plated; Can be Used on Either Bicycle or Velocipede Handle Bars; ⅛ inch to ⅞ inch in Diameter; Size, 2 inches.

Per Dozen

No. 175G—Weight per Dozen, 2½ lbs....$3 00
Twelfth Dozen in a Box
One Dozen in a Carton

BICYCLE AND VELOCIPEDE HORNS

BULB TYPE

A Shrill, Pleasing Sound; Length Over All, 8½ inches; Heavily Nickel Plated; Black Rubber Bulb; Adjustable Clamp for Attaching to Bicycle and Velocipede Handle Bars.

Each

No. BH—Weight Each, ¼ lb.....$0.80
Loose

TROUSER GUARDS

WIDE PATTERN

Back Concaved; Will Not Lose Shape; Spring Tempered; Black Enameled.

Per Dozen Pair

No. 2C—Weight per Dozen Pair, ½ lb...$1 50
Three Dozen Pair in a Box

CALCIUM CARBIDE

UNION

For Generating Gas for All Kinds of Acetylene Gas Lamps; It is Safe, Clean and Portable. 2 lb. Cans; for all Types of Carbide Lamps.

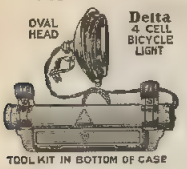
Price for Stock Shipment.

Per Case

No. 2M—Weight per Case, 65 lbs.....$9 60
Twenty-Four Cans in a Case

ELECTRIC BICYCLE LAMPS

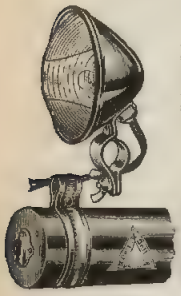
DELTA
NIGHT HAWK



Chromium Plated Lamp; Aluminum Finished Four Cell Battery Case and Clamps; 6 Volts, 800 Beam Candle-Power; Operates on 4 Standard 1¼-inch Flashlight Batteries; We Recommend Our No. U (Page 1456); Complete, Without Batteries; Takes Mazda No. 26, 5 Volt Bulb.

Each
No. NIGHT HAWK—Weight Each, 2 lbs **$3 70**
One in a Carton

DELTA
CLIPPER



Fits Any Handle Bar; Operates on Any Standard Dry Cell; Beautiful Baked-on Durable Aluminum Enamelel Finish; Silver Plated Mat Finish Reflector 4 inches in Diameter; Convex Moulded Glass Lens; Switch Mounted on Battery Case; Complete Without Batteries; Takes No. 19 Bulb

Batteries Required — One No. HD600 (Page 618) or One No. 6 Standard Dry Cell of Any Make.

Each
No. CLIPPER—Weight Each, 2 lbs.....**$2 30**
One in a Carton

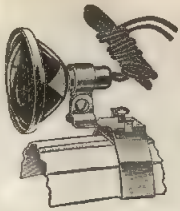
DELTA
SILVER
KNIGHT

Durable Silver Enameled Finish; Lamp 3¾ inches High; 2½ inch Reflector; Fixed Focus; Cannot Jar Out of Place; 600-foot Beam; Operates on Two Standard 1½-inch Diameter; Flashlight Cells No. U; (Page 1456)

Complete with Bulb (Less Batteries); Takes No. 14 Bulb.

Each
No. SK—Weight Each, 1¾ lbs.....**$1 80**
Six in a Carton with Display Stand

ELECTRIC TAIL LIGHTS



DELTA
SENTRY

Fits Any Mud Guard; No Holes to Drill; Operates with Any Single Cell Bicycle Lamp; Head and Tail Lamp Light Simultaneously.

Positive Red Signal Visible Hundreds of Feet to the Rear.

Each
No. A939—Weight Each, ¼ lb.....**$1.20**
One in a Carton

REAR REFLECTORS

Aluminum Frame

Ruby Lens With Polished Face and Mirrored Back; Bolts Riveted In.

Nos.	Diameter, ins.	Weight per Dozen, lbs.	Per Dozen
23	1½	¾	**$1 70**
23/2¼	2¼	1½	**4.00**

One Dozen on a Display Card

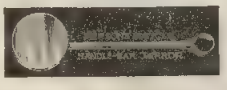
Aluminum Frame

Ruby Lens With Polished Face and Mirrored Back; Equipped with an Aluminum Strap and is Used to Clamp Around the Frame of a Velocipede; Size of Reflector, 1½ inches.

Per Dozen
No. 22R—Weight per Dozen, ¾ lb.....**$1 70**
Fifty in a Box

HANDLE BAR MIRRORS

PERSONS



Mirror is Copper, Chromium Plated; The Arm is Aluminum Tubing, The Handle Bar Clamp is Spring Steel; Makes a High Class Rear View Mirror.

Per Dozen
No. PRVM—Weight per Dozen, 2½ lbs..**$5 50**
One Dozen in a Box

FLASHLIGHT BRACKETS

Full Nickel Plated; Makes a Good Low Priced Bracket, Fastens to Handle Bar.

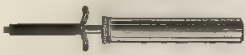
Per Dozen
No. 48—Weight per Dozen, 1¾ lbs. ... **$2 20**
One Dozen in a Box

BICYCLE TIRE PUMPS

Telescope Frame

Seamless Brass Barrel; Nickel Plated; Size of Barrel, 9¾x1⅛ inch; Clip Attached.

Each
No. N—Weight Each, 8 ozs.....**$1.10**
One in a Box



Hand Pump; Seamless Brass Barrel; Nickel Plated and Polished; Size of Barrel, 5¼x1⅛ inch.

Each
No. 1H—Weight per Dozen, 1½ lbs.....**$0.60**
Loose

TIRE PUMP LEATHERS

For Bicycle, Motorcycle and Automobile Tire Pumps.

Nos.	Diameter, ins.	Weight per 100, lbs.	Per 100
0	⅝	½	**$2.00**
00	¾	¾	**2.00**
A	⅞	⅞	**2.00**
B	1	1	**2.00**
C	1⅛	1	**2.00**
D	1¼	1⅛	**2 00**
E	1½	1¼	**2 00**
F	1¾	1¾	**4.50**
G	2	2¼	**5.50**

Hundred in a Bundle

Electric Lamps For Home and Office

Boudoir, cozy corner, decorative or night lamp. Made of strong spun metal and designed to meet all requirements; a very chic model. Has a switch. Height 9 in.; 6 in. adjustable metal shade. Shipping weight about 2 lbs. Finished in Polished Chromium and Black only.
369 L01. Each $2.25

Another Boudoir, cozy corner or decorative lamp, strongly made of spun metal. A neat, plain design that harmonizes with all surroundings. Has a switch. The top of the shade contains a 2½ in. colored glass jewel, giving a beautiful lighting effect. Height 9¾ in.; 7 in. adjustable shade. Shipping weight about 2 lbs. Finishes, Modern Verde Green Gold trimmed, Empire Ivory and Gold trimmed.
369 L02. Each .. $2.70

Stream-line designed bed lamp. Quickly attached by means of rubber covered snap on springs. Heavy metal shade 8¾ in. x 4 in. Has a [illegible] decoration. Shipping weight about 2 lbs. Finishes: Ivory; Orchid; Pastel Green; Statuary Bronze.
369 L04. Each $2.40

Desk lamp for office or home. A new graceful model that is pleasing, artistic and practical. 5 in. cast base, brass arm; perfectly balanced. The 6½ in. shade can be moved in any direction without any adjusting. Height 12½ in. Has a switch. Shipping weight about 3 lbs. Finished in Polished Chromium and Black only.
369 L03. Each $4.50

All metal bed lamp; Quickly attached by felt padded snap-on springs. Handsomely embossed heavy brass shade 8¾ in. x 4 in. This has proven to be an excellent seller. Shipping weight about 2 lbs. Finishes: Ivory; Orchid; Pastel Green, Statuary Bronze.
369 L05. Each $3.30

All metal piano, desk or radio lamp, classic harmonious design. Heavy 6 in. diameter base prevents tipping, nicely embossed, 8¼ in. x 4 in. adjustable brass shade. Height 8 in. Shipping weight about 5 lbs. Finished in Statuary Bronze and Gold.
369 L06. Each $6.00

Cast metal desk lamp of period design and rigid construction, 9 in. x 4 in. adjustable metal shade, 6½ in. hexagon base, height 15½ in. A lamp that always satisfies. Shipping weight about 5½ lbs. Finishes: Antique Bronze, Verde Green.
369 L07. Each $5.40
Same lamp as above but finished in Polished Chromium and Black.
369 L08. Each $8.40

All Prices Subject to Regular Catalog Discount

Desk lamp of classic, dignified design that harmonizes with any finish of desk. Has a [illegible] 9 in. Italian black and gold marble base. Balance bar of metal, 9 in. x 4 in. adjustable metal shade, height 14 in. Shipping weight about 6 lbs. Finished in electro plated BEAUTIFUL ITALIONE BRONZE.
369 L09. Each $8.10

Quality Workmanship and Finish Has Been Combined to Give You Real Values

Be Sure and Specify Finish Desired

Metal desk lamp of conservative, classic design, 9 in. x 5 in. green, white case lined, adjustable glass shade. Height 15 in., base 8 in. x 5½ in. Highest grade material and workmanship. Shipping weight about 5½ lbs. Finished in HIGHEST GRADE LUSTROUS STATUARY BRONZE.
369 L10. Each $10.80

A new model all metal desk lamp of latest sturdy construction. 6 in. x 5 in. cast base with pin receptacle and pencil grooves; rigidly attached to upright. Average height is 13 in. as the heavy metal shade is adjustable. Shipping weight about 4½ lbs. Finishes: Bronze; Green.
369 L11. Each $2.25

Metal desk lamp with 8 in. x 6 in. Italian Black and Gold Marble base, 9 in. x 5 in. green, white case lined, adjustable glass shade. Highest grade material and workmanship. The exceptional refined appearance is highly appealing. Height 15 in. Shipping weight about 6½ lbs. Finished in HIGHEST GRADE LUSTROUS STATUARY BRONZE.
369 L12. Each $16.12

Unique Electric Lamps

CRESCENT LAMP

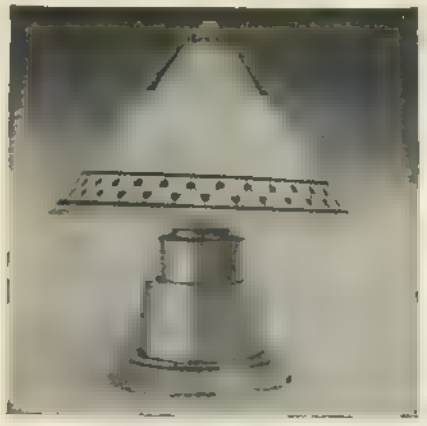
A smart compact lamp made to take up little space and to provide a generous amount of light. The light is reflected where it is needed through the use of a unique ball joint allowing the shade to be adjusted to various angles. Height 18½ inches. Available in Highly Polished Nickel Plate with bronze or Black Enamel.

370 L01. Complete $2.25

TABLE LAMP

Beautiful modernistic table lamp chromium plated with black trimming. 3 candle light fixture. Lamp shade in Empire shape. Assorted designs. Silver and Black with bone white background 15½ x 9.

370 L02. Complete $13.20



LOW BOY LAMP

The smartness of this base is enhanced by the use of a shade in a combination of metal and parchment. With this lamp we offer a separate in shades. Metal and parchment have been used to advantage in this shade to complete a unit of smartness and style seldom found in lamps of this size. Height 7½ inches. Available in Highly Polished Nickel.

370 L03. Complete $2.25

All Prices Subject to Regular Catalog Discount

All Lamps Shipped F. O. B. Chicago

370 L04.

3 candle light Junior Floor Lamp. Fancy fixture and turned knob switch. Fine reeded tubing with center break and fancy base. Break set up on a beautiful new designed cast metal base. Beautifully plated in Old English Bronze. Junior height 56 in. adjustable to 61 inches.

Empire shaped parchment shade — Assorted in fancy flowered and band design with white background of combination colors Black — Rust — Green with Gold. Junior Size 18 x 10½.

370 L04. Complete $10.78

370 L06.

Bridge Lamp modernistic design. Plated fixture. Lateral center and lower breaks and plated cast iron base. Chrome & Black. Trimmed with black lacquered tubing. Bridge arm with swivel ball socket and switch on lamp top. 51 in. high.

Modernistic parchment shade, cellophane wrapped. Rose white background with black and silver striped design. Size of shade 18 x 9 inches.

370 L06. Complete $16.38

370 L07.

Ultra modern one-lite reflector lamp, highly polished three piece aluminum reflector, chromium plate base and tubing with black trimming. Can use up to 300 watt light in reflector. Heavy weighted beautiful in design. Chrome & Black. Height 65 in.

370 L07. Complete $17.75

370 L08.

Modernistic 3 light candle Junior Lamp with plated center and lower breaks—Beautiful new design. Plated cast iron base. Chrome & Black. Junior Height 56 in. adjustable to 61 in.

New fluted parchment shade. Cellophane wrapped. Background rose, green or silver, with flowered black designed edge top and bottom. Junior 10 x 10½ in.

370 L05. Complete $17.50

370 L05.

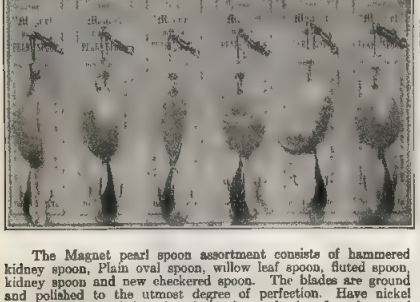
Junior Modernistic 3-light candle lamp with plated center and bottom breaks and scroll shaped floor base highly plated trim with black break bodies and tubing. Chrome and Black. Junior height 69 in. adjustable to 65 in.

Modernistic parchment shade. Cellophane wrapped bone white background with Black & Silver striped design. Junior size 18 x 9 in.

370 L05. Complete $16.80

Prices Subject to Regular Catalog Discount

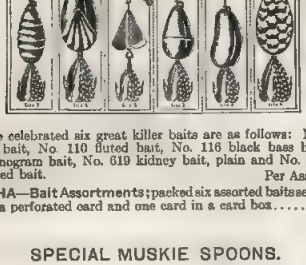
ASSORTMENTS.



The Magnet pearl spoon assortment consists of hammered kidney spoon, Plain oval spoon, willow leaf spoon, fluted spoon, kidney spoon and new checkered spoon. The blades are ground and polished to the utmost degree of perfection. Have nickel plated shanks and barrel swivels, fancy feathered spring steel treble hooks.

Per Assortment

No. S-140—Bait Assortments; size blades, 1½ to 1¾ inches in length; put up six on a neat card **$2.50**

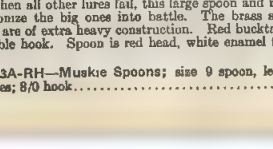


The celebrated six great killer baits are as follows: No. 1376 Coburg bait, No. 110 fluted bait, No. 116 black bass bait, No. 307 Monogram bait, No. 619 kidney bait, plain and No. 228 oval hammered bait.

Per Assortment

No. S-HA—Bait Assortments; packed six assorted baits sewed on a perforated card and one card in a card box..... **$1.80**

SPECIAL MUSKIE SPOONS.

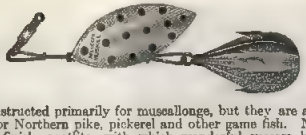


Old timers thoroughly familiar with the appetites of muskie, great northern pike and big lake trout designed this new special spoon. When all other lures fail, this large spoon and red bucktail will antagonize the big ones into battle. The brass shank, snap and swivel are of extra heavy construction. Red bucktail tied very full on treble hook. Spoon is red head, white enamel finish.

Per Dozen

No. S-1323A-RH—Muskie Spoons; size 9 spoon, length 3 inches; 8/0 hook..... **$16.00**

MUSKILL.



Constructed primarily for muscallonge, but they are also very killing for Northern pike, pickerel and other game fish. New and alluring finish, spotlite, with which wonderful success has been had. Blades spin speedily and close up to the shaft.

Per Dozen

No. S-2460-9—Muskie Spoons; spotlite, nickel and copper convex, polished copper concave; size of spoon, 3-1/64x 1-25/64 inches; No. 7/0 hook..... **$9.60**

No. S-2462-12—Muskie Spoons; polished nickel convex, red and satin nickel concave; size of spoon, 3-21/32x1-19/32 inches; size 8/0 treble feather hook..... **$13.36**

SOUTH BEND BUCKTAIL.

These particular baits are well proportioned and designed so that you need have no fear of any part breaking at the critical moment.

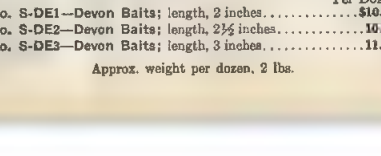
Is equipped with single nickel spoon. Natural colored buck tail with red feather center.

Per Dozen

No. S-708A—Bucktail Trolling Spoons; size 8/0 hook, 3¼-inch spoon **$19.20**

No. S-710A—Bucktail Trolling Spoons; size 10/0 hook, 3¾-inch spoon..... **22.40**

DEVON METAL MINNOW.



Nickel plated metal body; wire wound treble hooks; twisted wire leader and brass box swivel. For bass or pike.

Per Dozen

No. S-DE1—Devon Baits; length, 2 inches..... **$10.50**

No. S-DE2—Devon Baits; length, 2½ inches..... **10.[illegible]**

No. S-DE3—Devon Baits; length, 3 inches..... **11.00**

Approx. weight per dozen, 2 lbs.

WELLER PERFECTO.

New and different. Has 1¾-inch flashy hammered bronze spinner blade; clevis and blade revolve on a steel shaft and will stand lots of trolling with motor. Coral glass beads to imitate salmon eggs; coppered split ring for changing hooks; 3-foot gut leader; large sinker and 5/0 Carlisle hook.

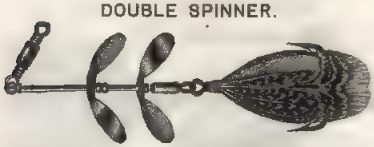
Per Dozen

No. S-5550—Trolling Spinners. $4.80

No. S-6550—Trolling Spinners; same as No. S-5550, but with standard size June Bug spoon instead of hammered spinner blade..... 5.00

One on a card, one dozen in a box.

DOUBLE SPINNER.



Hollow point feathered treble hooks, brass box swivel, nickel plated blades, revolving in opposite directions, spinning freely.

Per Dozen

No. S-2005—Trolling Spoons; medium bass size.....$4.50

PEARL.

Full feathered, best quality hollow point treble hooks, pearl spoons, spring brass snaps and box swivels.

Trolling Spoons	S-2	S-3	S-4	S-5
Length of spoon, inches	1¾	1¾	2	2¼
Per dozen	$4.20	4.80	5.40	5.80

One dozen in a box.

MONOGRAM.

Full feathered, best quality hollow point treble hooks, variegated brass spoons, half gold and half nickel plated, spring brass snaps and box swivels.

Trolling Spoons	S-6M	S-5M	S-4M	S-3M
Size of spoon, inches	1⅛x½	1⅛x⅝	1⅜x⅞	1⅝x1⅛
No. of hook	4	3	1	1-0
Per Dozen	$4.00	4.00	5.00	5.00

Trolling Spoons	S-2M	S-1M	S-1-0M	S-2-0M
Size of spoon, inches	1⅛x1⅛	2⅛x1¼	2⅛x1⅜	2⅛x1⅛
No. of hook	3-0	4-0	6-0	7-0
Per Dozen	$5.50	5.50	7.00	7.00

One dozen in a box.

FLUTED OVAL.

STYLE F.

Nickel plated brass spoons, swivel and shank. First quality feathered treble hooks

Trolling Spoons.	S-1F	S-2F	S-3F	S-4F
Size spoon, ins.	1x⅝	1⅛x⅝	1⅛x¾	1⅛x⅞
Size hook, No.	6	5	3	2
Per dozen	$1.90	1.90	1.90	2.20

Trolling Spoons.	S-4½F	S-4¾F	S-5F
Size spoon, ins.	1⅛x⅞	1⅛x⅞	2⅛x1⅛
Size hook, No.	1	1-0	4-0
Per Dozen	$2.20	2.20	3.00

Trolling Spoons.	S-6F	S-7F	S-8F
Size spoon, ins.	2⅛x1⅛	2⅛x1⅛	2⅛x1⅛
Size hook, No.	5-0	6-0	7-0
Per Dozen	$3.00	4.00	4.00

One dozen in a box.

Showing comparative sizes of spoons.

SKINNERS STYLE G.

Nickel plated brass spoons, spring brass snaps and shanks, brass box swivels. Extra fine English hollow point treble hooks

Trolling Spoons.	S-1G	S-2G	S-3G	S-4G
Size spoon, ins.	1x⅞	1⅛x⅝	1⅛x¾	1⅛x⅞
Size hook, No.	6	5	3	2
Per Dozen	$3.20	3.20	3.20	3.90

Trolling Spoons.	S-4½G	S-4¾G	S-5G	S-6G
Size spoon, ins.	1⅛x⅞	1⅛x⅞	2⅛x1⅛	2⅛x1⅛
Size hook No.	1	1-0	4-0	5-0
Per Dozen	$3.90	3.90	5.20	5.20

Trolling Spoons.	S-7G	S-8G	S-9G	S-12G
Size spoon. ins.	2⅛x1⅛	2⅛x1⅛	3x1⅝	3½x1½
Size hook, No.	6-0	7-0	7-0	8-0
Per Dozen	$6.50	6.50	7.80	9.70

One dozen in box

CROSS-CUT SAWS.

DISSTON'S.

Disston Cross Cut Saws are made of crucible saw steel, hardened and tempered, taper-ground, uniform in thickness on cutting edges and a relative and uniform thickness throughout the body of the saws; the taper being ground on lines conforming to the breast of the saw to a thin or extra thin back, gives the saw the maximum amount of clearance at all parts of the blade without sacrificing their weight, stiffness or elasticity.

ONE MAN.

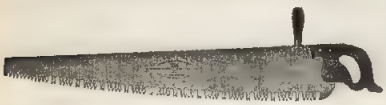
DISSTON'S CHAMPION TOOTH.

Best quality crucible steel, tempered, polished and etched: beechwood handle, plain sides, varnished, four brass screws; one supplementary handle. Filed and set ready for use.

Saws		554-3	554-3½
Old Nos.		20C-3	20C-3½
Length, ft.		3	3½
Width, point, ins.		2¼	2⅜
Weight, each, lbs.		3	4½
Each		$4.50	5.30

Saws	554-4	554-4½	554-5
Old Nos.	20C-4	20C-4½	20C-5
Length, ft.	4	4½	5
Width, point, ins.	2⅜	2⅜	2⅝
Weight, each, lbs.	4½	5¾	6¾
Each	$5.90	6.60	7.40

DISSTON'S PERFORATED LANCE TOOTH.



Best quality crucible steel, tempered, polished and etched. Beechwood handle, plain sides, varnished edges; four brass screws. One supplementary handle Filed and set, ready for use.

Saws	514-3½	514-4	514-4½	514-5
Old Nos.	20L-3½	20L-4	20L-4½	20L-5
Lgth, ft.	3½	4	4½	5
Point, ins.	2⅜	2⅜	3	3⅛
Wgt., lbs.	4½	4¾	6	6½
Each	$5.90	6.60	7.50	8.40

RIVERSIDE, CHAMPION TOOTH.

Two cutting teeth to each raker; straight back with D and supplementary handle.

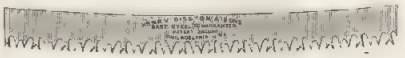
Saws	3½ROC	4ROC	4½ROC
Length, feet	3½	4	4½
Width point, inches	2	2	2⅛
Weight each, lbs	3¾	4½	5¼
Each	$3.32	3.80	4.28

CHAMPION TOOTH.

Thickness of cutting edge, 14 gauge; thickness of back, 16 gauge. Filed and set ready for use.

Saws	152-5	152-5½	152-6
Old Nos.	2-5C	2-5½C	2-6C
Length, feet	5	5½	6
Width center, inches	7	7¼	7⅝
Width ends, inches	3½	3½	3⅝
Weight each, lbs.	5¾	6¾	7¾
Each	$6.20	6.80	7.30

TRIUMPH, CHAMPION TOOTH.



High grade spring steel, evenly tempered, polished and etched Filed and set, ready for use.

Saws	254-5	254-5½	254-6
Old Nos.	5-N	5½-N	6-N
Length, feet	5	5½	6
Width, center, ins.	3¼	3¼	3¼
Width, ends, ins.	3¼	3¼	3¼
Weight each, lbs.	3¼	3¾	4¼
Each	$4.10	4.50	4.90

RIVERSIDE, WIDE CHAMPION TOOTH

Two cutting teeth to each raker. 14x16 gauge.

Saws	5RW	5½RW	6RW
Length, feet	5	5½	6
Width center, ins	5¼	6⅛	6½
Width ends, ins	3	3	3
Weight each, lbs	7	8	9
Each	$3.78	4.16	4.54

RIVERSIDE, NARROW CHAMPION TOOTH.

Two cutting teeth to each raker.

Saws	5RN	5½RN	6RN
Length, feet	5	5½	6
Width center, ins.	3¼	3¼	3⅜
Width ends, ins	3¼	3¼	3¼
Weight each, lbs.	3½	4	4½
Each	$2.40	2.62	2.88

All above saws in bulk.

"DIZZY" DEAN MAJOR LEAGUE BASEBALL

A HIGH GRADE BALL BEARING THE NAME OF BASEBALL'S NEWEST IDOL

EVERY FOLLOWER OF OUR NATIONAL PASTIME KNOWS THE NAME "DIZZY" DEAN

ANOTHER *SHAPLEIGH'S DIAMOND BRAND "QUALITY COUNTS" VALUE TO POPULARIZE YOUR "TRADE MARKED" ATHLETIC LINE

"IT'S A NATURAL"
For Repeat Sales

Included in Each Box is a Booklet
"HOW TO PITCH"
By the Pitching Master Himself - - "DIZZY" DEAN

THIS BALL IS REGULATION SIZE AND WEIGHT; GENUINE HORSEHIDE COVER; DOUBLE STITCHED WITH RED AND GREEN THREAD; LIVE CORK CENTER SURROUNDED WITH RUBBER; WOUND WITH HIGH GRADE YARN; CEMENTED COVER; ONE IN AN ATTRACTIVE RED BOX WITH "DIZZY'S" PICTURE ON THE COVER.

PER DOZEN

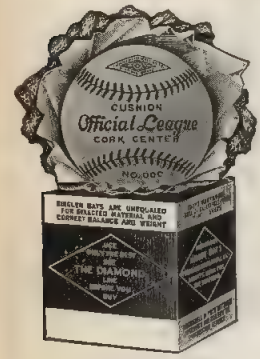
No. DD—WEIGHT PER DOZEN, 5 LBS..... **$18.00**

ONE DOZEN IN A CARTON

BASE BALLS

*SHAPLEIGH'S DIAMOND BRAND

"QUALITY COUNTS"

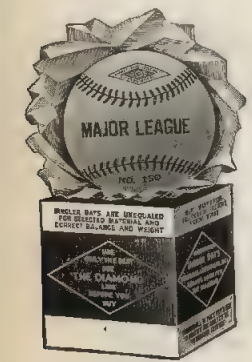


*OFFICIAL LEAGUE
CUSHION CORK CENTER

Center Made of Live Cork Surrounded by Black Semi-Vulcanized Rubber Over which is Vulcanized Another Cover of Red Rubber. Wound with Highest Grade Wool Yarn; Selected Horsehide Cover, Double Stitched with Four-Ply Red Waterproofed Linen Thread; Official Size and Weight.

Per Dozen

No. DOC—Weight per Dozen, 5 lbs.....**$32 40**
Twelfth Dozen in a Box



*MAJOR LEAGUE

Very Lively; Large Rubber Center; Wound with Yarn; Best Horsehide Cover; Double Stitched with Two Colored Threads; Size, 9 inches; Weight, 5 ozs.; Every Ball Individually Packed and Sealed; Full League Quality.

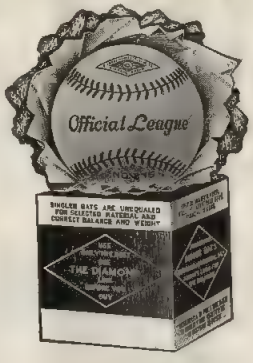
Per Dozen

No. 150—Weight per Dozen, 5 lbs.....**$19.20**
Twelfth Dozen in a Box

BASE BALLS

*SHAPLEIGH'S DIAMOND BRAND

"QUALITY COUNTS"



*OFFICIAL LEAGUE
CORK AND RUBBER CENTER

Center Made of Live Cork, Surrounded by Red Rubber; Wound with High Grade Wool Yarn; Two Coats Plaster Cement; Finest Quality Close-Grained Horsehide Cover, Double Stitched with Red and Green Waterproofed Linen Thread; Official Size and Weight.

Per Dozen

No. 275—Weight per Dozen, 5 lbs.....**$30.00**
Twelfth Dozen in a Box

*LEAGUE SPECIAL

Rubber Center, All Yarn Wound, Horsehide Cover; Double Stitched in Two Colored Threads; Size, 9 inches; Weight, 5 ozs.; Each Ball Packed in a Separate Box and Sealed; Full League Quality.

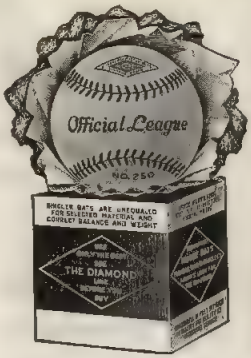
Per Dozen

No. 100—Weight per Dozen, 5 lbs.....**$16 80**
Twelfth Dozen in a Box

BASE BALLS

*SHAPLEIGH'S DIAMOND BRAND

"QUALITY COUNTS"

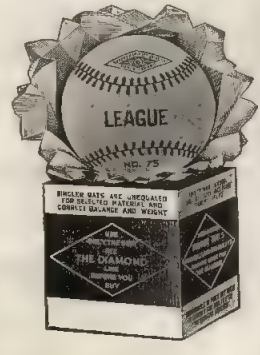


*OFFICIAL LEAGUE
RUBBER CENTER

Solid Rubber Center Ball; Wound with High Grade Wool Yarn; Two Coats Plastic Cement; Finest Quality Close-Grained Horsehide Cover; Double Stitched with Red and Green Waterproofed Linen Thread; Official Size and Weight.

Per Dozen

No. 250—Weight per Dozen, 5 lbs.....**$30 00**
Twelfth Dozen in a Box



*LEAGUE

Pressed Ball, Rubber Center, Wound to Full Size with Yarn; Horsehide Cover, Red Stitched; Size, 9 inches; Weight, 5 ozs.; Every Ball Packed in a Separately Sealed Box; Full League Quality.

Per Dozen

No. 75—Weight per Dozen, 5 lbs.....**$9.00**
Twelfth Dozen in a Box

SAVE 50%
ON HER FIRST FURNITURE
LOOM WOVEN LIKE MOTHER'S

BUYS THE ROCKER
Settee to Match $2.29 Table 89c

$1 Easily Worth $1.98

Here it is again—the big roomy Rocker that was the hit of Wards 1934 Christmas Catalog . . . at the same sensationally low price. We've been working for 12 months to repeat the value that delighted so many thousands of children and saved their parents thousands of dollars. Materials were bought at last January's low prices . . . the factory has been running every minute, making 150,000 Rockers that sell everywhere for $1.98—But just $1 at Wards

And this season there's a Settee and Table to match. Now you can give the little tots on your list a whole, child-size set of "grown-up" furniture at very small cost. Smooth even-textured fiber is loom-woven over sturdy steam-bent hardwood frames, and finished in glossy, hand-decorated enamels. Clean cotton padded seats covered in floral cretonne. Each piece packed in a strong sealed carton that will conceal the contents until Christmas morning. Settee and Rocker fully assembled, Table easily set up

Colors: Green, Ivory or Suntan. *State color*

466 T 6239 *State Names of Pieces All are Available*

Pieces	Sizes In	Entire Ht.	Ship Wt	Each	3-PIECES
Rocker	Seat 11⅝x10½	17⅝ In.	10 lbs.	$1.00	
Settee	Seat 21⅝x10⅝	17⅝ In.	12 lbs.	2.29	$3.98
Table	Top 21⅝x15⅛	18½ In.	7 lbs.	89c	

IVORY

SUNTAN

A LITTLE GIRL'S DREAM HOUSE—DOLL FAMILY, FURNITURE

Complete . . Everything is Included

$2.22 *Playthings that would cost at least $4.50 If Priced Separately*

Will you be one of the wonder-eyed little girls who wakes Christmas morning to find this spacious, six-room doll mansion her very own? Thrilling because it's so like a real house with upstairs porch, garage and runway, cunning REAL WOOD furniture and a family of six already moved in. Two stories high—snug and sturdy of heavy kraft board 21½ by 12⅝ by 19 in. lithographed to look like red brick and frame with "slate shingle" roof . . . sure to be one of the finest homes in town. Carpets are printed on and there's a REAL stairway. Doors . . . French windows aren't just pretend but can be opened and closed at will. Front of house swings open for playing.

And now let's meet the family . . . six little china dolls all fully dressed jointed at arms and legs. Dad, Mother, Nurse and Cook 4⅜ in. tall, Girl 3½ in. tall . . . just the right size for house and furniture.

FURNITURE ALONE WOULD COST $3

But most exciting of all the part that will go straight to the heart of every lucky little owner is the tiny perfect furniture that usually sells for 50c a room. So pretty to look at and 41 pieces in all! 8-pc Living Room Set in red and walnut finish. 8-pc Dining Set, blue and silver. 5-pc. green Kitchen Set. 6-pc Bedroom Set orchid and green. 4-pc orange 6-pc Bathroom Set. 4-pc Terrace Set. Each Set of 4 ivory color pieces. Surely a little girl's Dream House! Ship. wt. 11 lbs.

448 T 804 House, Dolls, Furniture . . . $2.22

CEASE ★ 3

Only Krazy Ikes Set in America Selling Under 98c

No end to the number of silly, laughable Krazy Ikes you can make with this *34-piece Set* . . . heads, arms legs, bodies and feet are all interchangeable. Perhaps you've seen Krazy Ikes before . . . they sell everywhere for about $1. Ward's Set, almost as large, is about one fourth that price

Fine hardwood pieces, enameled in brilliant, fast colors. With the extension joints you can combine parts of funny little people and mighty queer beasts with results that are just nothing but Krazy Ikes. No wonder they are used so much as table decorations for children's parties. Buy two sets . . . you'll have heaps more pieces than in the dollar set. Ship. wt. 10 oz.

25c 34 Pieces

48 TA 541 . . . . . 25c

Heroes Take Shape Before Your Eyes!

Build Colorful Toys

COWBOY AND INDIAN CUT-OUTS! Cleverest Yet!

It's Fun to Put Them Together—You'll Be Proud of the Result

It takes an interesting toy to make a healthy child forget to eat—assembling these Cowboy and Indian cut-out figures is a job to do just that! You'll marvel at the realism of every piece, and the clever way they fit together. Solid metal on the horses gallops from the paper, guns and rifles fit in their holsters, lariats hang from the saddle horn. When together, these figures, finished in detail on both sides are lots of fun to create and play with in room.

An eminent painter designed these cut-outs. Wards after much research . . painted them with full regalia and their favorite mounts, authentic even to tiniest detail. Here they are, reproduced in beautiful natural colors! The horses are mounted on heavy cardboard, all cut out with bases to stand on. Men and equipment are on heavy paper ready to be put together (no cutting necessary). Instructions included. Ship wt. about 14 oz.

48 T 3101—17 piece Indian set. Head dress, scalp, arrow, tomahawk and blanket rifle, etc. Horse 8½ in. high. Other pieces in scale. **25c**
4 sets 90c

48 T 3100—16-Piece Cowboy Set: Chaps, winter coat, fur saddle, rifle and shotgun, holster, lariat, etc. Horse 8½ in. high—all other pieces in scale. **25c**
4 sets 90c

More Pieces in Wards Sets

to Create Greater Variety of Toys

You get 25% more pieces in your Bilz-em sets when you buy at Wards! Since the cost of handling is gone up the manufacturer has cut down the number of pieces we receive. We have, however, increased the number of the larger sets, so that although there are all that's the reason for the increase. Only Wards have these larger sets. Wood blocks and slabs join without glue or nails. Non-poisonous colors. Children from 4 years up like the wide variety of shapes in models it is possible to make. Book of Models with each set.

48 T 508—40 Pieces. Ship wt. 12 oz. **21c**
48 T 505—98 Pieces. Ship. wt. 1 lb. 8 oz. 45c
48 T 509—186 Pieces. Ship wt. 2 lbs. . . . 93c

Toys and Everything Else Wards Sell Can Be Bought on Our Budget Plan of Monthly Payments—See Page 61

"You're the Boss"

RUN THE BAR-NONE RANCH TO SUIT YOURSELF!

59 Pieces! All You'll Need for Cattle Rustling, Stampedes, Indian Wars!

$1.00

When your cattle are stampeded by rustlers it's your job to round them up and shut them in the corral . . . when the Indians attack, be prepared to fight them off! You'll be mighty busy breaking wild horses, branding cattle, or shipping them to market.

You have lots of wood ranch hands, some troublesome Indians, a herd of fine cattle, wild horses, bear cubs, jackrabbits and a couple of coyotes—34 figures chuck full of action—2 each of 27 different kinds. The largest are about 4⅝ in. long, and 3¼ in. high. Each printed in natural colors on heavy cardboard. Enough wood boxes to mount every figure (as shown in insert A) are included.

Strong fiberboard buildings are printed to resemble real log construction. **Ranch house** is 18 by 17 by 9⅝ in. high. Has porch with wood posts. **Bunk house** is 10⅞ in. long, 6 in. high. Corral is in 8 cardboard sections—2 of them 5 in. long, the rest 8 in. long. Hitching rail is wood and cardboard, 8½ in. long and 1⅝ in. high.

59 pieces in all! With easy instructions for setting up the buildings. Ship. wt. 2 lbs. 10 oz.

48 T 3111—
Complete 59-Piece Set **$1.00**

ACT OUT THREE FAMOUS PLAYS

With Red Riding Hood, Black Sambo, Cinderella for Actors!

The curtain of the Miniature Theatre goes up—Little Red Riding Hood is wandering through the woods. Out on the stage runs the Wolf, and the trouble begins! You'll have lots of fun acting the parts of each character from legend and fairy tale, and moving them with cardboard sticks. You will want to present a Red Riding Hood, Cinderella and Little Black Sambo—or your friends. Dialogue sheets is printed in 3 acts. Stage 12¾ in. wide, 10¾ in. high, and 7¾ in. deep, is handy to carry. Characters and scenery are printed on cardboard in color to cut out. Charlie Plant shows without wasting, and all scenery is printed on both sides. There are extra characters to entertain between the acts.

48 T 3120—Theatre, 3 plays and instructions. Ship. wt. 1 lb. 4 oz. **39c**

We Think She's the Best Dressed Baby You Can Buy for 59¢

You'll find larger dolls selling at this price, but we believe you will prefer this baby because she's so adorable, so much more attractive. Her clothes are nicer, she's better finished. And see what a natural baby look she has! Has crying voice. This baby compares with many dolls that sell for as high as 89¢.

Chubby, well molded legs and arms are composition, inside jointed. Her arms are the right proportion for her body. Her pretty composition head turns and her eyes and mouth are neatly hand painted. Her body is cotton stuffed.

Prettily dressed too. The dainty, white Organdie frock she wears is cut fuller than most, and is *lace trimmed*. Her matching organdie bonnet has lace, too, and ties with pink ribbons. Dolly wears a panty undergarment, white socks are tied with pink ribbon.

Shipping weight 2 pounds 8 ounces.

48 TA 2474—13 inches tall . . . . . 59¢

"How Do You Like My Hairdress?"

A tremendous value! 13-inch **Doll** with soft body, composition head, arms and legs. Nicely painted features and *wavy mohair* wig. Print dress has white organdie lace trimmed collar.

Full cut sunbonnet to match. White undergarment, artificial leather shoes and cotton socks.

Ship. wt. 2 lbs.

48 T 2614. . . . . 49¢

"I Think My Hairbow's Fetching"

A sweet little Girl Doll 16 in. tall. All enameled composition. Usually sells for more. Stands and sits alone. Besides having swivel head, movable jointed arms and legs she has painted hair *with wide bows on ribbon* and painted features. Wears an attractive printed panty-dress, cotton socks, artificial leather slippers.

Ship. wt. 2 lbs.

48 T 2657 . . . . . 49¢

Two "Softies" . . . the Cuddly Kind for Tiny Tots

18½-in. "Cuddly" Boy

A cuddly armful for a very little child. Soft stuffed body and legs. Head and arms are composition. Features are painted. Yellow cotton rompers are a copy of our most popular children's style . . . blue Peter Pan collar, blue piping at the legs and sleeves, bonnet to match. Cotton socks, artificial leather shoes.

48 T 2819—Wt. 2 lbs. 6 oz. . . 49¢

In "Long Clothes"

A big, soft body, soft leg Baby Doll, 19 in. tall—a safe companion for little tots. She wears a white ruffly bonnet tied under chin with pink ribbon. Long lace trimmed Organdie dress falls about an arch below her feet and shows her pretty pink slip. Painted features, composition head and arms. Ship. wt. 2 lbs. 8 oz.

48 T 2064. . . . . 49¢

"Look Folks! I Can Stand Alone!"

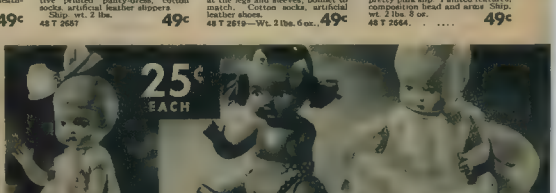
The lowest price we know for a prettily dressed 11-in Doll whose head will turn in any direction.

Last year, dolls like her sold for 50% more, so you can see Wards are bringing you a bargain!

Pretty and well made with full jointed arms and legs that you can turn to almost any position. Stands or sits alone. Attractive painted features have a pretty *little girl* expression. Painted hair has a wide pin-on ribbon. She's all enamel finished composition and wears a printed panty dress with lace collar, cotton socks and artificial leather slippers.

Ship wt. 1 lb. 2 oz.

48 T 2559. . . . 25¢



All composition Pickaninny. This colored baby's complexion and features are enameled on to stay! (Not just painted). Even washing with a damp cloth can't hurt the finish. She's 9 in tall with swivel head; jointed arms and legs. Three ribbon tied yarn braids. Dotted diaper.

48 T 2558—Ship wt 1 lb. . . . 25¢

Adorable 10-inch baby—tallest we've seen at the price! All enameled composition, turning head, jointed arms and legs. Painted features and hair. Organdie frock, diaper, socks.

48 T 2561—Ship wt. 1 lb. 2 oz 25¢

Parcel Post Rates on Page 61

Big as a 6 Months Old Baby

Usual $2.00 Value **$1.49** *25 in. tall*

Special note to mothers! This big baby Doll is made with many of the details of dolls usually selling for as high as $2.00. We don't believe you'll be able to match this value anywhere. Made exclusively for Wards by the largest doll factory in the world.

Think how big she is—25 inches tall from her rosy toes to the top of her pretty head. She has a cry voice and big go-to-sleep eyes with real lashes. dimpled arms and legs and a sweet baby expression. Lips parted in a smile show her little teeth and tongue.

Her cotton stuffed body is soft and cuddly like a real baby's. Head, arms and legs are *sealtyproof enameled, hard to break* composition, molded in chubby baby curves. Dainty pale blue organdie dress has tiny stitching on the front to look like smocking. Matching bonnet, with a big stand-up ruffle to frame her face, ties demurely under her chin with pink rayon ribbon.

The rest of dolly's costume consists of a pair of rubber panties, snug-fitting cotton socks and cunning tie-on artificial leather moccasins.

Look at the price again—have you ever seen so great a doll value?

Shipping weight 3 pounds 8 ounces.

48B T 2567 . . . . . **$1.49**

The Bargain Surprise

OF ALL TOYLAND

Usual $2.45 Value **$1.89** *22 in. tall*

Made Specially for Wards. We wanted the nicest, best-dressed *big* doll that had ever been sold at the price. Instead of choosing two "ready made" dolls we took a group of attractive girl dolls, selected the prettiest thing about each one and had the manufacturers make up two "ideal dolls." Their complexions and features are lovelier, hair is finer quality, clothing is more attractive than in any 22-inch dolls we've seen at this price.

Ⓐ Big Girl with Blonde Ringlets

She's all composition—22 inches tall with soft, blonde (mohair) ringlets in the newest "little girl" style. . . . She never cries. Go-to-sleep eyes real lashes. Her mouth is parted to show her pretty teeth. She has a turning, tilting head, jointed arms and legs. She stands alone.

She wears a petal pink organdie dress with dainty lace trimmed collar and rayon ribbon bow, white combination, white rayon socks, artificial leather shoes.

48 T 2587 Ship. wt. 2 lbs. 12 oz. . . . **$1.89**

Ⓑ Girl Doll—Human Hair Curls—Voice

Eight long lustrous curls of human hair (They're sewed on a cloth foundation). Sleeping eyes with real lashes, and *cry voice*. She has a turning head, too, and a pretty smile that shows her little teeth and her tongue. Composition bead arms and legs. Jointed arms. Soft cotton stuffed body. Beautiful lustrous pink rayon high-waisted frock is lace trimmed, silk ribbon tied bonnet to match. Full length bloomer undergarment, white cotton socks and white artificial leather shoes. 22 in. tall.

48 T 2581 Ship. wt. 3 lbs. 4 oz. . . . **$1.89**

"TSK! TSK! TSK!
I've Never *Seen*
Such a Baby"

"Drinks Her Bottle..Then
Wets Her Diaper *Every time*"

.ORIGINAL
EFF an BEE

DY-DEE DOLL

48 T 2594
11 in. Ship. wt 2 lbs
$2.69

48 T 2596
14½ in. Ship. wt 3 lbs 4 oz
$4.59

48 T 2596
19½ in. Ship. wt 6 lbs
$6.69

Genuine EFFanBEE Dolls—Never Been Equaled by Imitators

All rubber EFFanBEE Dolls different from any baby doll ever made before! They do almost everything you'd expect of a human child — even to "drinking" their bottles and wetting their diapers. They "breathe" and "coo" like real babies. *They keep sitting up or lying down* as they like while awake.

EFFanBEE Dolls are a few years for quality dolls! have these dolls made by a famous rubber factory, under the original patent. Very finest toned like real skin is rosy and satin smooth their bodies beautifully proportioned. Eyes have *real lashes*. Their heads are *hard rubber* — *practically unbreakable*. No other doll has the special patented jointed head arms and legs like DY-DEE Dolls made so that no water can enter from the outside through any joint!

DY-DEE babies wear cute little knitted shirts, and diapers the same as real infants. Nursing bottle with a removable rubber nipple and a book of instructions included. Genuine EFF an BEE Dy-dee Dolls are Sold by Mail, only at Wards. See above for sizes and prices.

48 T 2493—*EXTRA BOTTLE AND NIPPLE for DY-DEE BABIES*. The only bottles they can use. Shaped to fit their mouth. Ship. wt 5 oz. 16c

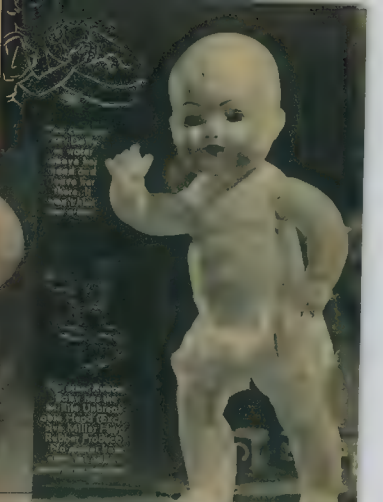
5-Pc. Dy-dee Doll LAYETTES

Quality EFanbee uses for their most expensive dolls! Expert needle work, finest fabrics. Fit any rubber or composition babies. Exquisite, deep hemmed organdie dress, white organdie ruffle edged bonnet, rubber panty, tiny Bunny diaper.

48 T 2490—For Dy-dee Doll above numbered 48 T 2594 or any 11 in doll. Ship wt 7 oz. **79c**

48 T 2491 For Dy-dee Doll above, numbered 48 T 2595 or any 14½-in. doll. Ship wt 8 oz. **98c**

48 T 2492 For Dy-dee Doll above, numbered 48 T 2596 or any 19½ in. doll. Ship wt 9 oz. **$1.39**



"My Dolly"

GENUINE MILLER RUBBER DOLLS
AT LOWEST PRICES IN WARD HISTORY

48 T 2440
$1.59
11 in. Tall
Ship wt. 2 lbs. 4 oz.

48 T 2441
$1.98
13 in. Tall
Ship wt. 2 lbs 10 oz

48 T 2442
$2.79
15 in. Tall
Ship wt. 3 lbs. 8 oz.

48 T 2443
$3.19
17 in. Tall
Ship wt. 4 lbs 8 oz

48 T 2444
$3.79
19 in. Tall
Ship wt 6 lbs 4 oz.

This Dolly stands up or sits. Produced by the Miller Rubber Co., manufacturers of rubber products for 41 years. We can assure you that no rubber doll regardless of price is better made or contains better materials.

Dressed in little panties. Eyes are more lifelike than ordinary doll's eyes. They go to sleep, and have real lashes. The new Millite head (an exclusive Miller hard rubber product) is as impossible to break as her soft rubber body. It turns in any direction. Movable arms and chubby straight legs are held in place by strong chromium springs made up of bands of rubber.

You can put "My Dolly" in water that reaches above her head and *cause* her there! Squeeze her the water pours out and doesn't hurt her a bit. Molded into adorable baby curves. Exclusive Miller Rubx finish makes the rubber look exactly like rosy baby flesh. She can be washed all over clean as new every time because the special Rubx finish closes the pores so dirt can't get in.

12-Pc. LAYETTES

For "My Dolly" or any 10½ to 20-in rubber or composition doll. White organdie dress and bonnet, lawn slip, washcloth diaper, booties, shirt, rubber sponge, nursing bottle with nipple, 4 safety pins, soap.

48 T 2640 For 10½ to 12½-in dolls. Ship. wt 8 oz. **62c**

48 T 2641 For 13½ to 16-in dolls. Ship wt 8 oz. **89c**

48 T 2642 For 16½ to 20-in dolls. Ship wt 8 oz. **69c**

Budget Terms CBA on Page 61 KS

So-o-o Big! All of 20 Inches Tall!

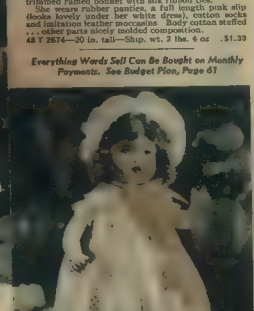
$1.39

About 3 inches taller than baby at left . . . finer in quality and better dressed . . . Besides having sleeping eyes, real lashes, a cry voice, turning head, her smile shows her little teeth and tongue. Smocked effect white Organdie dress is sweet baby style. Lace trimmed ruffled bonnet with silk ribbon ties.

She wears rubber panties, a full length pink slip (looks lovely under her white dress), cotton socks and imitation leather moccasins. Body cotton stuffed . . . other parts nicely molded composition.

48 T 2574—20 in. tall—Ship. wt. 2 lbs. 6 oz. .$1.39

Everything Words Sell Can Be Bought on Monthly Payments. See Budget Plan, Page 61



Extremely Low Priced

YET WITH EVERY DESIRABLE FEATURE

• Sleeping Eyes
• Crying Voices

95c Each

• Exceptionally Pretty Clothes

BABY DOLL—Not the largest baby you can buy at this price but we have tried to make her the dandiest. Compares with many baby dolls that sell for $1.49.

Wards 16¾-in. baby doll *looks* like a baby . . . she's cute and rosy. Her composition arms, head and legs are particularly well molded and finished. Her head turns, her full length arms are jointed inside so you can move them in almost any position. She has sleeping eyes and an appealing cry voice. Her body is cotton stuffed.

Her clothing, instead of being the skimped quality usually found in dolls so low priced, is very carefully made. White Organdie dress is trimmed in pink and blue, a pink ruffled white bonnet, pink slip, rubber panties, white moccasins and socks. For a bassinet just right for this lovable baby, see Article Number 448 T 3380, on Page 46.

48 T 2670—Ship. wt. 2 lbs. 10 oz. 95c

GIRL DOLL—A doll of this size even with only one or two of the features mentioned below, would be worth much more than a dollar. But what makes this one of the outstanding values of Wards Toy Book is . . . she has *seven* of the important things you usually get only in higher priced dolls.

• She's big . . . 19 in. tall and shaped in proportion. • She sleeps. • She has real lashes. • She cries. • She has lovely blonde Mohair wig bobbed in winsome little girl style and sewed on a cloth foundation. • Her clothing isn't skimped as in many low priced dolls. • Composition head, legs, and inside jointed arms.

Her body is cotton stuffed. She wears a well-finished blue Organdie dress with a deep hem and contrasting cross-bar collar and cuffs. Her blue organdie bonnet is trimmed to match her collar. Undergarment is white and so are her socks and imitation leather shoes.

48 T 2573—Ship. wt. 2 lbs. 12 oz. 95c

6 Real Hair Curls . . and the Cutest Dress Imaginable!

$1.39

Six long human hair curls; pretty parted lips that show her teeth; big sleeping eyes with real lashes, cry voice; composition head legs, and inside jointed arms. Soft cotton-stuffed body . . . everything you'll see in dolls her size selling for $2.00! Dressed very exceptionally too, in dotted Swiss with brown dots on yellow ground. (Because she has a much higher priced look she's a wise choice if you're buying a gift for a very special little girl.)

Dress and white collar are both lace trimmed. Matching lacing bonnet has pleated border. Artificial leather shoes, cotton socks, a white slip and white undergarment complete her costume. Ship. wt. 2 lbs. 14 oz.

48 T 2566—19 in. tall..... .$1.39

THE MOST LOVABLE "DOLL OF THEM ALL..... DUCKY" DE LUXE

DUCKY DE LUXE in name, and truly de luxe in quality! A really remarkable doll for she combines not only genuine "TRU LIFE" Rubber body, legs and arms, but also a "TRU LIFE" RUBBER HEAD with SLEEPING EYES, and real lashes. A unique and patented construction, and the last word in QUALITY RUBBER DOLLS.

Note the rubber head! Soft where it should be soft hard where it should be hard just like a real infant's. She is too beautiful for words, and a perfect comfort for any little girl. She can be bathed washed and ducked without harm or protest. An outstanding creation.

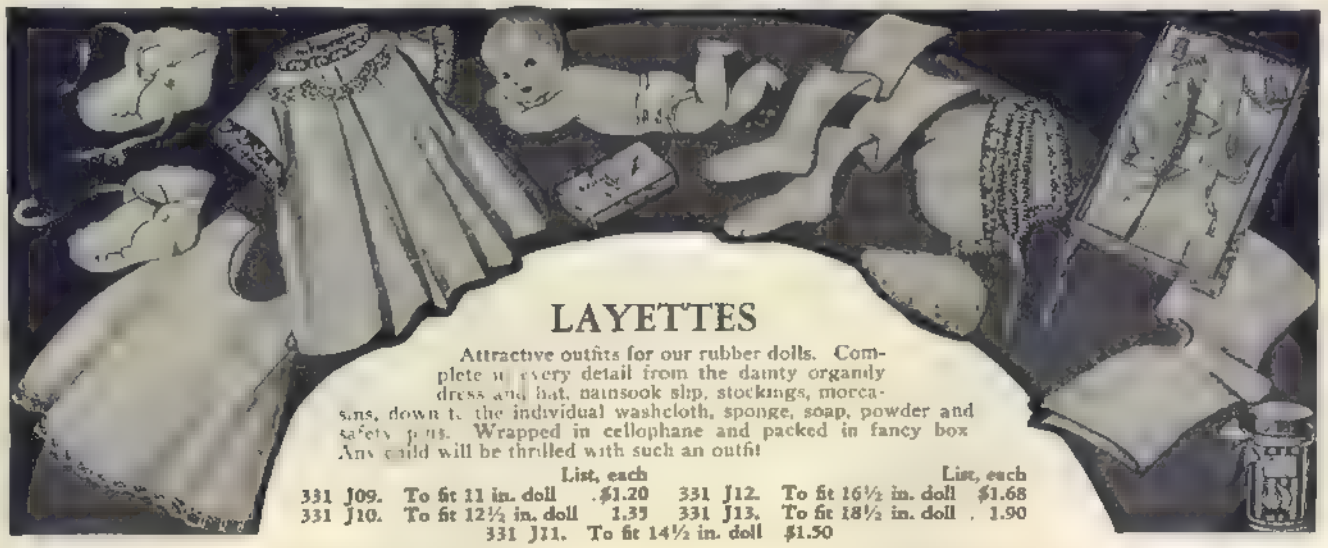
		List, each
331 J01.	Size 11 inches	$2.64
331 J02.	Size 12½ inches	3.38
331 J03.	Size 14½ inches	$4.50
331 J04.	Size 16½ inches	6.00
331 J05.	Size 18½ inches	List, each $7.14

SNOOZIE HAS JUST ARRIVED

SNOOZIE is a new and different baby, with an irresistible appeal to the heart of every little girl and her mother. Her eyes slowly open her eyelids are still creased with sleep, her little nose is puckered up, and her tiny rosebud mouth pursed up in a mite of a yawn. Her hands and legs are of TRU LIFE Rubber with every little finger and toe clear and distinct. She cries when you disturb her.

SNOOZIE'S body is covered with sanitary washable material; her body is made of soft, light weight kapoc; and she comes to you in the cutest baby costume of hand smocked white batiste, complete with slip, bootees and rubber panties.

		List, each
331 J06.	Snoozie with blanket. Size 20 inches	$9.00
331 J07.	Snoozie with blanket. Size 18 inches	7.50
331 J08.	Snoozie with blanket. Size 16 inches	6.00



LAYETTES

Attractive outfits for our rubber dolls. Complete in every detail from the dainty organdy dress and hat, nainsook slip, stockings, moccasins, down to the individual washcloth, sponge, soap, powder and safety pins. Wrapped in cellophane and packed in fancy box. Any child will be thrilled with such an outfit.

		List, each			List, each
331 J09.	To fit 11 in. doll	$1.20	331 J12.	To fit 16½ in. doll	$1.68
331 J10.	To fit 12½ in. doll	1.35	331 J13.	To fit 18½ in. doll	1.90
	331 J11. To fit 14½ in. doll	$1.50			

Pioneer Doll Carriages and Coaches

FIBRE DOLL CARRIAGE

Body—17 x 8 inches. Metal bound. Stationary back. **Finish**—Salmon. Gear and wheels black. **Wheels**—6 x ⅜-inches rubber tire wire.

332 J01. Each **$4.48**

FIBRE DOLL CARRIAGE

Body—18 x 9 inches. Metal bound. Reclining back. **Finish**—Ivory. Gear and wheels black. **Wheels**—7 x ½-inches rubber tire wire.

332 J02. Each **$6.56**

FIBRE DOLL CARRIAGE

Body—20 x 10 inches. Metal bound. Reclining back. **Finish**—Meadow green. Gear and wheels tan. **Wheels**—8 x ½-inches rubber tire artillery wood.

332 J03. Each **$8.96**

STEEL DOLL COACH

Body—17 inches long, 9 inches wide, 10 inches deep. **Finish**—Cadillac blue. Gear and wheels black enameled. **Wheels**—6 x ⅝-inch R. T. wire.

332 J04. Each **$5.22**

FIBRE DOLL CARRIAGE

Body—21 x 11 inches. Wood dowels. Reclining back. **Upholstering**—Frame, bottom, back, full sides, and hood upholstered in Princess cloth. Safety strap. **Finish**—Russian beige. Gear and wheels tan. **Wheels**—9 x ¾-inches rubber tire wire.

332 J05. Each **$15.62**

STEEL DOLL COACH

Body—17 inches long, 9 inches wide, 10 inches deep. **Finish**—Maroon. Gear and wheels black enameled. **Wheels**—6 x ⅝-inch R. T. wire.

332 J06. Each **$6.08**

STEEL DOLL COACH

Body—22 inches long, 11 inches wide, 12 inches deep. **Finish**—Cadillac blue. Gear and wheels black enameled. **Wheels**—9 x ¾-inch R. T. wire.

332 J07. Each **$10.24**

STREAMLINED DOLL COACH

A Real DeLuxe Doll Coach. **Body**—26 inches long, 14 inches wide, 15 inches deep. Design Patent 92061. **Upholstering**—Completely upholstered in leather cloth. **Finish**—Cocoa. Gear and wheels tan. **Wheels**—9 x ¾-inch R. T. wire.

332 J08. Each **$25.60**

STEEL DOLL COACH

Body—22 inches long, 11 inches wide, 12 inches deep. **Upholstering**—Completely upholstered in leather cloth. **Finish**—Cocoa. Gear and wheels tan. **Wheels**—9 x ¾-inch R. T. wire.

332 J09. Each **$14.40**

Prices Quoted are F. O. B. Ohio Factory

THE HIT OF THE FAIR!

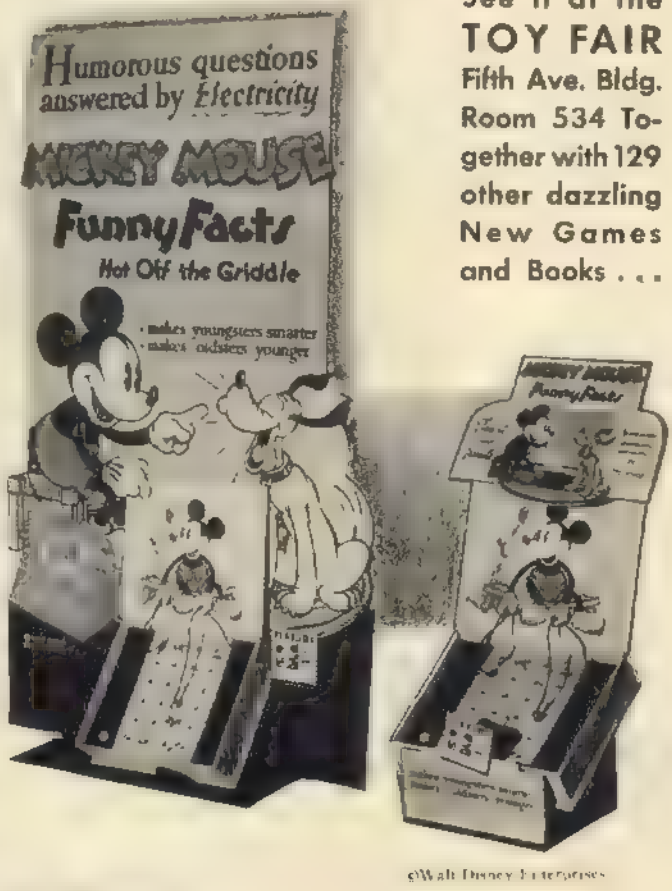
MICKEY MOUSE FUNNY FACTS

96 FUNNY QUESTIONS
answered by Electricity

96 FUNNY ANSWERS
. . . . . Hot Off the Griddle—
192 Mickey Mouse Illustrations to make Youngsters Smarter and Oldsters Younger

ELECTRIFIES

See it at the **TOY FAIR** Fifth Ave. Bldg. Room 534 Together with 129 other dazzling New Games and Books . . .



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A GREAT PROFIT MAKER FOR YOU—

FREE!

A BEAUTIFUL WINDOW DISPLAY AND COUNTER DEMONSTRATOR WITH A SPECIAL INTRODUCTORY OFFER!

EINSON-FREEMAN PUBLISHING CORP.

200 FIFTH AVE., NEW YORK CITY

Electric Clocks

Cast Metal Cases. Big Showy Clocks That Are in Great Demand. Dependable Electric Movements Assure Accurate Time.

Flame of Life Electric Clock with Thermometer. Cast metal case, oxidized silver finish, 4¾ inch silver finished dial with two-tone raised figures, black hands, and red sweep second hand. Dependable electric motor. A new design. A big showy clock. Height 13½ inches, width 10 inches. Complete with an accurate thermometer.

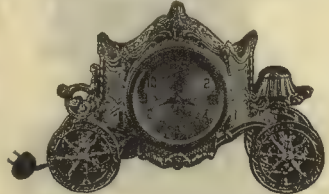
No. 62W155. Each..... 2.15

Ukelele Electric Clock with Thermometer. Cast metal case, oxidized bronze finish, 4¾ inch silver finished dial with raised figures, black hands, and red sweep second hand. Dependable electric motor. Length 18 inches, width 5½ inches. Complete with an accurate thermometer.

No. 62W156. Each.. 2.15

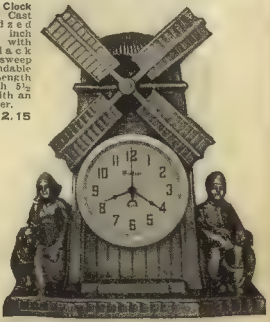
Roosevelt At The Wheel for a New Deal new novelty electric clock. Cast metal case. Height, 13 inches; width, 9 inches. Synchronous type 60 cycle alternating current motor. 3½ inch dial.

No. 62W157. Bronze Finish } Each
No. 62W158. Silver Finish } 1.95



Electric Coach Clock. Case of cast metal with a good, quiet motor. Dial is 4-inch diameter with raised numerals and sweep second hand. Choice of three finishes.

No. 62W159. Gilt finish }
No. 62W160. Bronze finish } Each 1.85
No. 62W161. Silver finish }



Windmill Electric Clock. Cast metal case, oxidized bronze finish, 4¾ inch silver finished dial with two-tone raised figures, black hands, and red sweep second hand, dependable motor. A popular subject nicely executed. Height 13 inches, width 11 inches.

No. 62W162. Each..... 1.95

Electric Clocks

Cast Metal Cases—Beautifully Finished—Correct time is assured by dependable motors. Big flashy clocks that have appeal and are fine for premiums and special sales

A unique design in an electric clock with side lights. Oxidized bronze finish, 4½ inch silver finished dial with raised two-tone figures, black hands and red sweep second hand. Height 10¼ inches, width 12 inches.

No. 62W163. Each..... 2.35

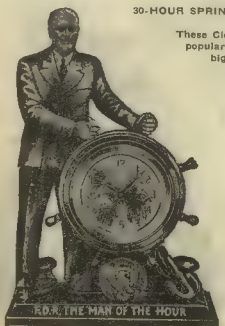
Pirate Model Clock with Side Lights. Cast metal case gold finish. A new showy design nicely executed. 4¾ inch silver finished dial with raised two-tone numerals. A dependable electric motor. Height 13¼ inches, width 12 inches

No. 62W164. Each..... 2.35

Novelty Clocks with Animated Dials

30-HOUR SPRING WIND MOVEMENTS

These Clocks are very popular and are big sellers



F.D.R. The Man of the Hour Novelty Clock. Animated dial, 30-hour movement, cast metal case. Height 13½ inches, width 9 inches. Bronze finish.

No. 62W165. Each..... 1.95

Animated Marine Clock. 30-hour movement. Metal case, finished in antique silver. Animation on dial shows pilot at the wheel. Height 13 inches, length 10 inches.

No. 62W166. Each..... 1.95

Electric Mixers, Corn Poppers and Juicers

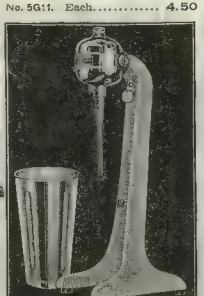
Electric Corn Popper. Pops and butters at same time. To empty, tip glass top and corn will flow into dish. The heat-resisting opal glass top enables you to see when corn is ready. Finished in best chromium plate. Diameter of corn container 7 inches. Complete with six-foot cord and plug.
No. 12G10. Each..... 2.10

Electric Corn Popper. Two-quart capacity. Blue steel finish. New cool knob handles, fibre tipped lid clips—exclusive flexible agitator to prevent scorching—an efficient element. Electric cord not included.
No. 10G7. Each..... .67

Portable Electric Mixer. Finished in cream color with chrome trim. All steel base, polished aluminum one-quart shaker, green mixing bowl, two agitating units, propeller type for mixing drinks, beater type for whipping cream, etc. Operates on 110-120 volts, 60 cycles.
No. 3G30. Each..... 4.25

Electric Hy-Speed Whipper. Beats, stirs, whips, and mixes. Sturdy induction type motor for alternating current only. Mounted on 16-ounce graduated glass bowl, removable for use with other utensils.
No. 19G24. Each..... 1.32

Sunkist Junior Juicer. Attractive beige ivory finish, useful glass and strainer, Toggle switch. Complete with cord and attachments.
No. 5G11. Each..... 4.50



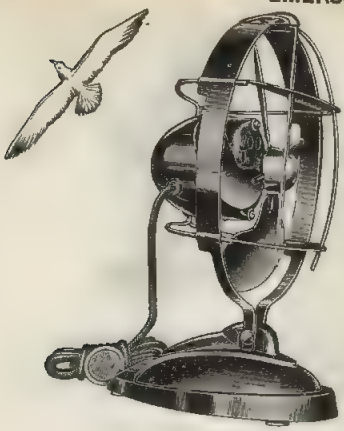
Hamiltoth Beach Electric Drink Mixer. All exposed metal parts chromium plated. Demountable motor with flexible mounting, chromium plated cup. Universal motor operates on A. C. or D. C. current, 110 volts 25-60 cycles.
White Enamel Finish.
No. 49G3. Each..... 18.42
Green Enamel Finish.
No. 49G4. Each..... 18.42

Polar Cub Mixer. Whips, beats and mixes. Operates on 110 volts, A.C., 60 cycles only. Handle attached to motor housing allows lifting of motor, cover plate and agitator permitting use anywhere. Mixing receptacle of green transparent glass pitcher graduated. Full quart capacity. Extension cord and plug cap. Height 9 inches.
No. 5G15. Each..... 1.60

Whipmix Electric Mixer. A whipper and beverage mixer combined. No adjustments, merely attach to socket. Bowl made of Vidrio material which can be easily washed. Fully guaranteed against mechanical defects. Complete with cord and plug.
No. 3G18. Each..... 1.00

Electric Fruit Juicer. Finished in ivory and green enamel with green glass bowl, durable Beatleware reamer, powerful motor, finger switch control. Height, 9½ inches. Complete with cord attachments. Fully guaranteed.
No. 3G19. Each..... 3.75

EMERSON SEA GULL ELECTRIC FANS



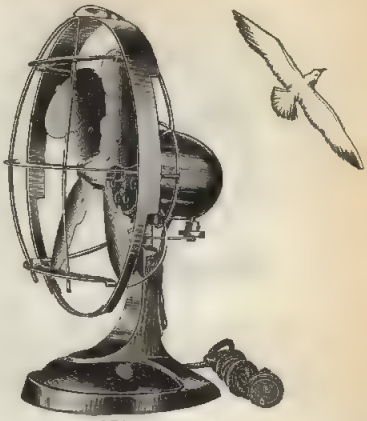
STREAMLINED DESIGN

FULL OF EYE-APPEAL

QUALITY CONSTRUCTION

BIG BREEZE CAPACITY

POPULAR PRICES WITH ATTRACTIVE PROFITS



SEA GULL
8-INCH NON-OSCILLATING

Notice This Unusual Feature. The Sea Gull Has a Completely Suspended Power Plant. The Motor is Spring Mounted **Within** the Guard Thus Reducing Vibration Noises.

SEA GULL
10-INCH OSCILLATOR—Enclosed Oscillating Gearing

Here is a Feature That Makes an Effective Selling Point The Trend in All Appliances is Away From Exposed Machinery; Therefore, Emerson Established Genuine Fan Beauty by Building the Motor Frame Around the Oscillating Gearing, Leaving a Smooth, Rounded Appearance.

Specifications of Sea Gull 8 and 10-inch Fans

Motor—Induction Type—No Brushes, Commutator Nor Mechanical Starting Device. No Interference With Radio Reception. Formed Steel Motor Body with Streamlined Formed Steel Enclosing Cover.
Blades—Formed Steel 4-Blade Fan of Parker Design, Quiet and Efficient.
Bearings—Liberal Size, Wool Packed, Bronze Bearings.
Shaft—8-inch Fan Has $\frac{1}{4}$-inch Diameter Steel Shaft. 10-inch Has $\frac{5}{16}$-inch Diameter Steel Shaft.
Base—Cast Iron with 3 Felt Bushings. Hinged Type for Tilting Fan Up or Down, or for Wall Bracket Mounting
Guard—Steel Band with Substantial Guard Wires—Welded Joints.
Switch Toggle Switch in Base of 10-inch Oscillator. No Switch on 8-inch Non-Oscillator. One Speed
Cord—Durable Cord and Plug. Approved by Underwriters.
Finish—Semi-Gloss Black Lacquer Over Motor, Base, Blades and Guard; Nickeled Fittings. Attractive and Durable.
Guarantee—Guaranteed for One Year Against Defects by Maker.

Special Feature of 8-inch Non-Oscillator

Motor and Fan Assembly are Centrally Suspended in the Guard in Resilient Wire Mounting, Which Absorbs Any Vibrations of Motor or Fan, Assuring Practically Silent Operation.

NOTE—110-Volt Fans Listed Will Operate on Voltages 104 to 120

Each

No. 4140—110 Volts, 60 Cycles, **Alternating Current;** Induction Motor, Weight Each, Packed, 6½ lbs..... ....**$3 10** 2.50

In Lots of 100 Fans, One in a Carton

Special Features of 10-inch Oscillator

Oscillating Gearing and Gear Case are Encased in the Enclosing Cover Over Motor. Oscillating Mechanism Consists of Double Worm Gear Reduction, Case Hardened Steel Worms and Bronze Worm Wheels. Provides for Oscillation in an Arc of 90 Degrees, with Adjustment to Stationary or Non Oscillating Position

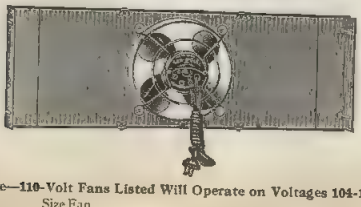
NOTE—110-Volt Fans Listed Will Operate on Voltages 104 to 120

Each

No. 4250—110 Volts, 60 Cycles, **Alternating Current;** Induction Motor, Weight Each, Packed, 10 lbs **$11.10** 9 00

In Lots of 100 Fans, One in a Carton

EMERSON SEA GULL ELECTRIC VENTILATING FANS



The Emerson Sea Gull Ventilating Fan is Easy to Install, and Does Not Interfere With Operation of Window. Motor is Rubber Mounted and the Fan is Practically Silent in Operation.

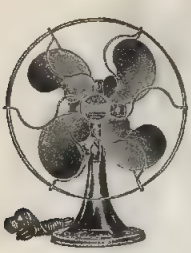
The 8-inch Fan Exhausts 350 Cubic Feet of Air Per Minute, and is Equipped with a Steel Mounting Panel (9¼ inches high), Adjustable to Windows 23 inches to 36 inches Wide. The 10-inch Fan Exhausts 570 Cubic Feet of Air Per Minute, and it Also is Equipped with a Steel Mounting Panel (11¼ inches high), Adjustable to Windows 23 inches to 36 inches Wide. Mounting Panels Finished in Attractive French Gray, Washable. The Fan Comes Complete with Mounting Panel as Illustrated and is Guaranteed for One Year by Maker.

Note—110-Volt Fans Listed Will Operate on Voltages 104-120 Alternating Current Only.

Type No.	Size Fan, ins.	Volts	Cycle	Performance	Weight Each Packed, lbs.		Each
4340	8	110	60	1450 R P M .30-Watts	10	**$4 95**	4 00
4350	10	110	60	1450 R P M. 40-Watts	14	**9.25**	7.50

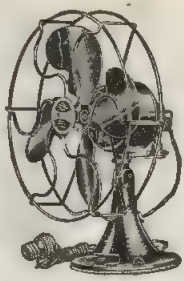
One in a Carton

EMERSON ELECTRIC FANS



Emerson 8 and 10-inch Fans

Guaranteed for Five Years by Maker



An Examination of the Features Built Into these Popular Emerson 8 and 10-inch Fans Gives the Reason for their Tremendous Popularity.

They are Widely Used in Home and Office, Being Equally Adaptable for Desk Service or Wall Mounting.

Distinctly Emerson in Design with Large Volume Air Delivery, Considerably in Excess of the Usual Fans in Comparative Sizes; Quiet Operation Penetrating Breeze; Pleasing Design and Finish, and Sturdy Construction.

Specifications

Motor—A. C. Fans—Induction Type Motor; No Brushes or Mechanical Starting Device.
D. C. Fans—Fully Enclosed Motor, Brush and Commutator Type, Brushes Readily Renewable Without Dismantling Motor.

Shaft—Solid Steel Shaft, ⅜-inch Diameter.

Bearings—A. C. Fans—Liberal Size Bronze Bearings, Grooved to Distribute the Oil Evenly.
D. C. Fans—Large Bronze Bearings, Wool Packed.

Lubrication—A. C. Fans—Oil, Fed by Cotton Wicking from Both Upper and Lower Reservoirs.
D. C. Fans—Wool Packing Holds Oil in Suspension and Cotton Wicking Feeds it to the Shaft.

Switch—A. C. Fans—Single-Speed Sliding Switch in Base.
D. C. Fans—Three-Speed Sliding Switch in Base.

Cord—Durable Cord and Plug Attached. Approved by Underwriters.

Blades—Steel (Galvanneal), Corrosion Resisting; Parker Design.

Oscillation A. C. Fans—Adjusting Disc Provides for Stationary or Oscillating Operation in Arc of 45° or 90°.
D. C. Fans Adjusting Case Permits Adjusting Arc of Oscillation from 90° to Any Lower Range or Stationary Position.

Emerson Exclusive Design of Oscillating Mechanism has an Enviable Service Record, the Substantial Gearing is Fully Enclosed, which Conceals and Protects Moving Parts and is Sealed Against Oil Leakage.

Swivel Adjustment -D. C. Fans—Exclusive Emerson Feature Permits Changing the Center of Oscillation Arc Within a 90° Radius. (5 Positions.)

Guard—Double Ring Guard of Heavy Gauge Wire, Spot Welded.

Base—Patented Friction Hinge for Tilting Fans Up or Down, or for Wall (Bracket) Mounting, Felt Covered.

Finish Lustrous Baked Black Enamel on Motor, Base and Guard; Blades in Semi-Gloss Black Lacquer.

NOTE—110-Volt Fans Listed Will Operate on Voltages 104-120 Alternating Current Only.

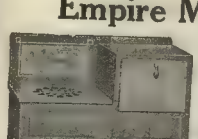
Type No.	Style	Size Fan, inches	Volts	Cycles	Weight Ea., Packed, lbs.		Each
2240	Osc.	8	110	60	13	$12.30	9.95
2150	Non-Osc.	10	110	60	15	12.30	9.95
2250	Osc.	10	110	60	16	16.00	12.95

For Operation on Direct Current Only

Type No.	Style	Size Fan, inches	Volts	Current	Weight Ea., Packed, lbs.		Each
76045	Non-Osc.	10	115	D. C.	16	$18.00	12.95
71045	Osc.	10	115	D. C.	17	23.40	18.95

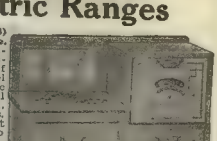
One in a Carton

Empire Miniature Electric Ranges



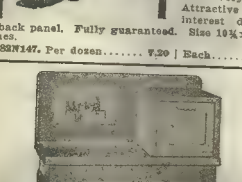
(Mfg. No. 1905) Electric Range. An outstanding value. Heavy duty safety element. Sturdy, electric welded steel construction. Green baked enamel finish with ivory trim. Attractive child interest design on back panel. Fully guaranteed. Size 10¾x8x5⅝ inches.

No. 82N147. Per dozen..... 7.20 | Each..... .65



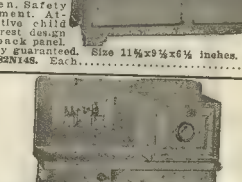
(Mfg. No. 1275) Electric Range. Unusually attractive, lustrous, buff baked enamel finish. Electric welded steel construction. Three utensils. Accurate heat indicator. Two actual compartments below oven. Safety element. Attractive child interest design on back panel. Fully guaranteed. Size 11⅛x9¼x6¼ inches.

No. 82N148. Each..... 1.32



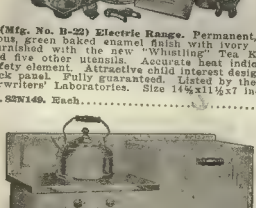
(Mfg. No. B-22) Electric Range. Permanent, lustrous, green baked enamel finish with ivory trim. Furnished with the new "Whistling" Tea Kettle and five other utensils. Accurate heat indicator. Safety element. Attractive child interest design on back panel. Fully guaranteed. Listed by the Underwriters' Laboratories. Size 14⅝x11½x7 inches.

No. 82N149. Each..... 1.85



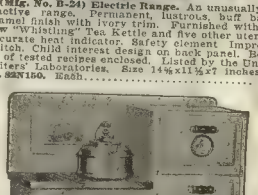
(Mfg. No. B-24) Electric Range. An unusually attractive range. Permanent, lustrous, buff baked enamel finish with ivory trim. Furnished with the new "Whistling" Tea Kettle and five other utensils. Accurate heat indicator. Safety element. Improved set of tested recipes enclosed. Listed by the Underwriters' Laboratories. Size 14⅝x11½x7 inches.

No. 82N150. Each..... 2.50



(Mfg. No. 215) Electric Range. Beautiful modern design. Permanent, lustrous, green baked enamel finish with ivory trim. Polished nickel stove top. Furnished with the new "Whistling" Tea Kettle and seven other utensils. Heavy duty safety element. Accurate heat indicator. Two switches individually control burners and oven element. Child interest booklet of tested recipes enclosed. Listed by Underwriters' Laboratories. Fully guaranteed. Size 15x10½x7¾ inches.

No. 82N151. Each..... 4.35



(Mfg. No. B-23) Electric Range. Permanent, lustrous, buff baked enamel finish with ivory trim. Individual heat elements for baking oven on top and broiling oven on bottom. Special utensil compartment. Two switches individually control burner and oven elements. Accurate heat indicator in baking oven. Fully guaranteed. Listed by the Underwriters' Laboratories. Size 16x15x8 inches.

No. 82N152. Each..... 6.75

ARTIFICIAL BAITS.

SOUTH BEND.

MIDGET SURF-ORENO.

This bait is of the same general design and construction as the S-963 Surf-Oreno, only in a smaller size for lighter rods. Body length is 2⅝ inches. Packed one in a box, one dozen in a container. Weight, 1¾ lbs. per dozen. Furnished in the following colors.

Per Dozen

No. S-962RH—South Bend Baits; red head and white body.....$16.00

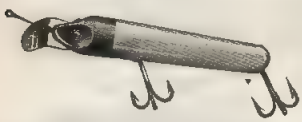
SURF-ORENO.

The Surf-Oreno minnow has proven to be a very effective lure in all kinds of water. The shape and size are just right. The bait floats at all times, rides high, causing a commotion and churning of the water, thereby attracting all kinds of game fish.

Per Dozen

No. S-963RH—South Bend Baits; red head and white body.....$16.00
No. S-963W—South Bend Baits; white with red and green spots..... 16.00
No. S-963RAIN—South Bend Baits; rainbow colors..... 16.00
No. S-963SF—South Bend Baits; scale finish..... 16.00

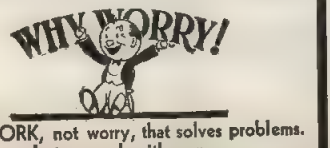
PIKE-ORENOS.



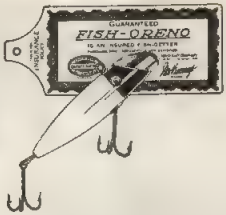
A tantalising wiggling bait that will go deep for pike, bass, etc. and yet float when not being wound in. It usually travels from four to six feet below the surface. Equipped with two treble hooks which cannot mar the finish. Body, 4½ inches long over all.

Per Dozen

No. S-957RH—South Bend Baits; red head, white body..$13.60
No. S-957P—South Bend Baits; pike scale finish..... 13.60



FISH-ORENO.



Body length is 3⅛ inches over all; weight approximately ⅝ ounces. A highly polished nickel head plate carries the bait to any desired depth and holds it there, but still does not retard or interfere with its erratic wobbling action. Equipped with two extra strong No. 2 treble hooks, highly nickel plated.

Packed one in a box, one dozen in a container.

Per Dozen

No. S-953RH—South Bend Baits; white body, red head...$16.00
No. S-953P—South Bend Baits; pike finish..... 16.00

WEIGHTED WOBBLER.

Nickel plated head plate; two treble hooks; length, 2⅝ inches; weight, ½ ounce.

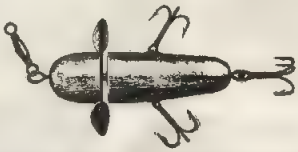
Per Dozen

No. S-941RH—South Bend Baits; red head and white body.....$6.50

No. S-941P—South Bend Baits; pike scale finish..... 6.50

ENTERPRISE.

YELLOW KID.



A floater and surface bait, made of red cedar heavily coated with water-proof porcelain enamel, fitted with three nickel plated treble hooks which can be instantly detached. Polished spinner securely fastened to head of bait and revolves very freely on brass bearing. This bait is a killer for bass, either for river or lake fishing.

Per Dozen

No. S-3750—Enterprise Baits; yellow with gold spots; 2¾ inches.....$9.00

No. S-3796—Enterprise Baits; red head, white body, 2¾ inches..... 9.00

HEDDON'S.

VAMP-SPOOK.

Heddon "FISH-FLESH" Baits

Transparent with Indestructible Finish

Indestructible, with true fish-flesh appearance. Out-vamps even the famous Heddon Vamp for all game fish. Floats, dives and swims lively. Made of transparent Pyralin with indestructible finish and construction. Will outlast a dozen wooden lures. Length, 3¼ inches; weight, ¾ oz.

	Per Dozen
No. S-9751—Heddon Baits; rainbow	$17.60
No. S-9759L—Heddon Baits; yellow perch scale	17.60
No. S-9759M—Heddon Baits; pike scale	17.60
No. S-9759P—Heddon Baits; shiner scale	17.60
No. S-9752—Heddon Baits; white and red	17.60

VAMP-SPOOK, FISH-FLESH.

Glow-Worm Finish.

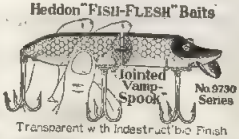
Duplicates shape and action of Heddon's famous original Vamp, a pike minnow shaped bait. Floats, dives and swims with a live minnow action. Transparent, luminous, glow-worm finish. Length, 2⅝ inches; weight about ½ ozs.

	Per Dozen
No. S-9759GW—Heddon Baits; glow-worm finish	$17.60

JOINTED VAMP-SPOOK.

A lively, swimming model in pike minnow shape. Floats, dives and swims and outdoes the wooden models in appearance and action. Indestructible finish. Length, 4½ inches; weight, ¾ oz.

Heddon "FISH-FLESH" Baits



Transparent with Indestructible Finish

	Per Dozen
No. S-9731—Heddon Baits; rainbow	$20.00
No. S-9732—Heddon Baits; red and white	20.00
No. S-9739L—Heddon Baits; yellow perch scale	20.00
No. S-9739M—Heddon Baits; pike scale	20.00

BASSER-SPOOK.

Heddon "FISH-FLESH" Baits

Transparent with Indestructible Finish

Duplicating the famous erratic action of the Heddon Basser, this Basser-Spook has the same lively action in a floating and diving and darting lure, plus the new fish-flesh appearance and indestructible finish. Length, 4¼ inches; weight, ¾ oz.

	Per Dozen
No. S-9851—Heddon Baits; rainbow	$17.60
No. S-9852—Heddon Baits; red and white	17.60
No. S-9859L—Heddon Baits; yellow perch scale	17.60
No. S-9859P—Heddon Baits; shiner scale	17.60

RIVER RUNT SPOOK.

Heddon "River-Runt Spook"

Another "Fish Flesh" Bait

Transparent with Indestructible Finish

Transparent and indestructible. A small, compact, lively lure for light rods. Very effective for river fishing, particularly for small mouth bass and wall eyed pike and equally good in other waters for all game fish. A slow sinking bait; attractive wiggling motion, equipped with two sets of treble hooks. Length, 2⅝ inches; weight, about ½ ounce.

	Per Dozen
No. S-9111—Heddon Baits; rainbow	$16.00
No. S-9112—Heddon Baits; white and red	16.00
No. S-9119L—Heddon Baits; yellow perch	16.00
No. S-9119P—Heddon Baits; shiner scale	16.00
No. S-9119XRS—Heddon Baits; X-Ray silver	16.00
No. S-9119GW—Heddon Baits; green glow-worm	16.00
No. S-9119N—Heddon Baits; dace scale	16.00

FLOATING RIVER-RUNT-SPOOK.

Another "FISHFLESH" Bait

Heddon
"RIVER-RUNT-SPOOK"

Semi-transparent indestructible finish. Made of the same material as the original River Runt Spook model, but one-third of an inch longer. Floats when at rest, dives when retrieved to a depth of two or three feet. Swims lively. Length, 3½ inches; weight, 3/5 ounce; two treble hooks with a special hooking device that prevents the hooks from interlocking or getting around the collar.

	Per Dozen
No. S-9402—Heddon Baits; white and red	$16.00
No. S-9409GW—Heddon Baits; glow worm	16.00
No. S-9409P—Heddon Baits; shiner scale	16.00
No. S-9409N—Heddon Baits; dace scale	16.00
No. S-9409XRS—Heddon Baits; X-Ray silver scale	16.00

FLAPTAIL-VAMP.

Heddon "FLAPTAIL-VAMP"

Has a very buoyant body and travels well out of the water. The large spoon at the rear makes one or two sputtering revolutions one way, half out the water, then in the opposite direction. Then it flaps from side to side and throws up a spray and creates a great commotion on the surface. Length, 4½ inches; weight, ⅞ ounce. Two treble hooks; equipped with wire leader.

	Per Dozen
No. S-7002—Heddon Baits; white with red head	$16.00
No. S-7009L—Heddon Baits; perch scale	16.00
No. S-7009M—Heddon Baits; pike scale	16.00
No. S-7009SS—Heddon Baits; silver scale	16.00

FLAPTAIL-MUSKY-VAMP.

Length, 5 inches; weight, 1 ounce; two heavy treble hooks and equipped with wire leader.

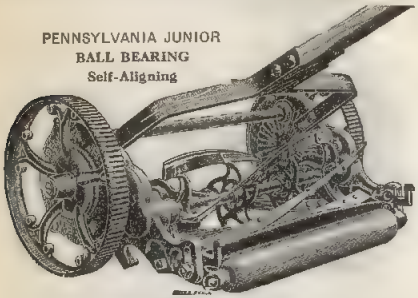
	Per Dozen
No. S-7052—Heddon Baits; white with red head	$20.00
No. S-7059P—Heddon Baits; shiner scale	20.00
No. S-7059SS—Heddon Baits; silver scale	20.00

LAWN MOWERS

PENNSYLVANIA

Heavy Cast Iron Side Plates, Wheels and Gear Casings; Tool Steel **Self Sharpening** Revolving Reel Blades and Stationary Knife; Malleable Iron Reel Braces and Roller Brackets; Spring Covered Oil Cups, Adjustable Hardwood Roller; Triple Gearing on Both Sides; 3½ foot Varnished Hardwood Handle, Painted Green and Red with Gold Bronze Striping.

PENNSYLVANIA JUNIOR
BALL BEARING
Self-Aligning



High Wheel

Diameter of Drive Wheel, 10 inches; Five Blades; 6 inch Cylinders Adjustable to Cut Grass to Lengths of ⅜ to 1½ inches; Cuts Grass Standing 5 to 6 inches High.

Nos.	JH15	JH17	JH19	JH21
Width of Cut, inches	15	17	19	21
Extreme Width, inches	22	24	26	28
Weight Each, Boxed, lbs.	72	77	82	87
Each	$30.00	34.00	38.00	42.00
	27.00	30 60	34.20	37.80

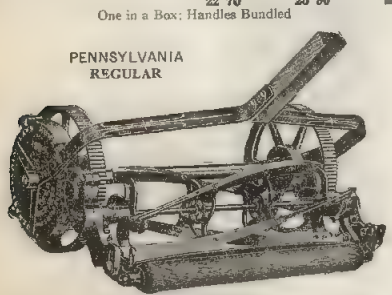
Low Wheel

Diameter of Drive Wheel, 8 inches; Five Blades, 5½ inch Cylinders; Adjustable to Cut Grass to Lengths of ⅜ to 1½ inches; Cuts Grass Standing 4 to 5 inches High.

Nos.	JL14	JL16	JL18
Width of Cut, inches	14	16	18
Extreme Width, inches	21	23	25
Weight Each, Boxed, lbs.	62	65	68
Each	$28.00	32 00	36 00
	22 70	25 60	

One in a Box; Handles Bundled

PENNSYLVANIA
REGULAR



High Wheel

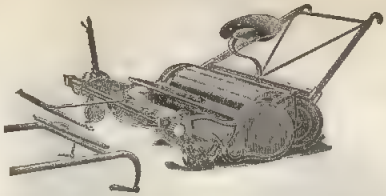
Diameter of Drive Wheel, 10½ inches; Four Blades; 6½ inch Cylinders; Adjustable to Cut Grass to Lengths of ⅜ to 1½ inches; Cuts Grass Standing 5 to 6 inches High.

Nos.	PH15	PH17	PH19
Width of Cut, inches	15	17	19
Extreme Width, inches	22	24	26
Weight Each, Boxed, lbs.	78	80	89
Each	$30 00	34.00	38 00
	27.00	30 60	34 20

One in a Box; Handles Bundled

HORSE LAWN MOWERS

FENDEN



Four-Blade Reel; Drive Rollers, 15 inches; Diameter Reel, 8 inches; Handsomely Finished in Green, Gold and Red Paint and Varnished; Frame Construction is Strongest Possible to Build and is Reinforced at Each End with Heavy Steel Bars; All Parts Accurately Machined and Fitted; Has **Graduated** Raising and Lowering Device; Operator can Instantly Adjust Cutting Height or Allow the Knives to Pass Over a Stone; Bottom Knife and Reel are Demountable Without Disturbing the Frame; Reel Bearings Turn in Adjustable Split Brass Bushing; 4 Revolving Blades, ⅝ inch in Thickness Made of Best Knife Steel Obtainable, Oil Tempered; Double Riveted Malleable Reel Braces Throughout; Train of Three Gears and Durable Triple Pawl Ratchets; Quickly Adjusted to the Stationary or Bottom Knife, Adjusting Screws are Easily Accessible and Seldom Require Attention; Fully Equipped with Driver's Seat, Shafts and Side-draft Attachments. Width of Cut, 35 inches.

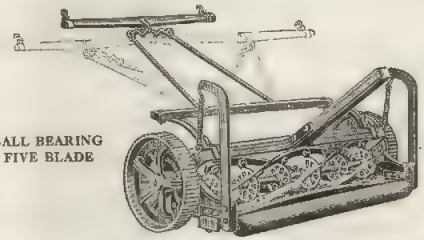
	Each
✠No. F35—Weight Each, Boxed, 825 lbs.	$288 00

One in a Crate

PONY LAWN MOWERS

CRESTLAWN

BALL BEARING
FIVE BLADE



Construction as Near Perfect as Can be Made; Parts Making Frame are all Lathe Turned and Cast Bed Plate is Machined into Side Plates, Forming an Automatic Interlocking Adjustment which Can not be Jarred or Twisted out of Alignment; Pony Mowers are Often Used by Hand Power and This Mower is Particularly Good for That Purpose, as it has Ball Bearing Drive Wheels; Making it Easy-running and Very Little Harder to Operate than Many Hand Machines; Beautifully Finished in Light Green and Gold Bronze, with Red Decorations; Reel has 5 Revolving Cutters and is Equipped with Timken Roller Bearings Automatically Adjusted to Keep the Revolving Cutters in Perfect Adjustment at all Times; Steel Bed Knife has Raised Lip, Adding Strength and Rigidity. Drive Wheels, 11 inches High, Revolving on Double Set of Adjustable Ball Bearings; Diameter of Reel, 7 inches; Diameter Reel Axle, ⅞ inch; will Cut Grass to Lengths of ¼ to ½ inch and 7 inches High; Handle and Roller of Hardwood Maple, Thoroughly Seasoned and Varnished.

Horse Attachment

Each is Equipped with Patented Horse Attachment; Can be Adjusted Quickly and in Operation the Mower is Held to the Ground and the Disagreeable "Tipping up" of the Rear End is Impossible; The Draft of the Mower is Just the Same When Operated by Either Horse or Hand; With this Attachment the Horse Can Walk in the Middle, Front or to Either Side and Yet Maintain a Central Draft at All Times; Width of Cut, 30 inches; Extreme Width, 37 inches.

	Each
✠No. CP30—Weight Each, Boxed, 160 lbs	$95 70

One in a Box

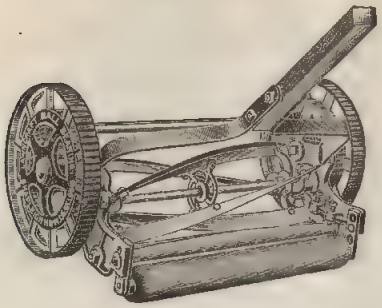
Items Marked ✠ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., Richmond, Ind.

LAWN MOWERS

*SHAPLEIGH'S LAWNCRAFT

BALL BEARING

High Wheel; Four Blades



For Ease of Operation, Accurate Adjustment and Dependable Service this Mower Equals Anything Within its Price Range.

Has Heavy Tie-Bar or Shrub Rod Which Will Permit the Cutting of High Grass.

Sturdy Frame; Strong Enough to Withstand Hard Knocks; Light Enough to Handle Easily.

Cutter Bar is Machined into the Frame with Long Shoulders, Instead of Depending Upon Bolts and Set Screws to Hold Frame in Alignment.

Large Open Space Between Tread of Wheel and Gear Ring Prevents Dirt and Grass from Getting into Gears, Assuring Longer Life and Easy Running.

All Parts are Machined.

Drive Wheels—Are of Refined Cast Iron.

Side Plates—Are of Refined Cast Iron.

Cutter Bar—Is of Refined Cast Iron and is Reinforced.

Pinions—Are of Refined Cast Iron.

Cutting Knives—Are of Crucible Tool Steel and are Tempered.

Ball Bearings—Are Hardened Polished Steel.

Reel Bearings—Are Adjustable.

Roller and Handle are of Select Hardwood, Varnished.

Wheels—Have Heavy Tread 1¼ inches Wide, Assuring Easy Traction; Secure Adjustments will not Rattle Loose.

Positive Force Feed Clutch, "The Two Pin Type" Give Quick Pick Up to the Reel, No Lost Motion.

Beautifully Finished in Gold Bronze and Heliotrope.

Drive Wheels—10 inches Diameter.

Reel—5½ inches Diameter.

Reel has Four Tool Steel Knives.

Adjustable to Cut Grass, ¼ to 1½ inches; Cuts Grass Standing 7 inches High.

Nos.	L104/14	L104/16	L104/18
Width of Cut, inches	14	16	18
Extreme Width, inches	19¾	21¾	24¼
Weight Each, Boxed, lbs.	39	41	44
Each	$10.20	10.60	11.20

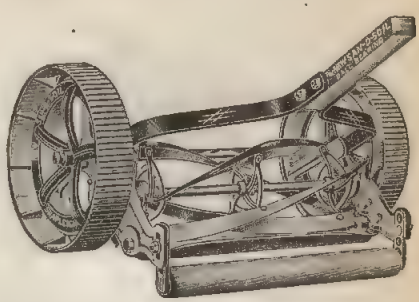
One in a Shipping Carton; Handles, Six in a Bundle

LAWN MOWERS

*SHAPLEIGH'S NEW SAN-D-SOIL

BALL BEARING

High Wheel, 2¼ in. Wide Tread; Four Blades



The 2¼-inch Wide Wheel Affords Sure and Easy Traction in Sandy or Other Soft Grounds, New Lawns, Etc.

The Shrub Rod Passes through the Side Plates Forming an Axle for the Wheels; this Feature Permits the Wheels to Revolve Quite Freely.

Open Space Between Tread of Wheels and Gear Ring Prevents Dirt and Grass from Getting into Gears, Assuring Longer Life and Easy Running.

All Parts are Machined.

Drive Wheels—10¼ inches in Diameter; 2¼-inch Wide Tread; Refined Cast Iron.

Side Plates—Refined Cast Iron.

Cutter Bar—Refined Cast Iron and is Machined into the Frame with Long Shoulders Instead of Depending Upon Bolts and Set Screws to Hold Frame in Alignment.

Pinions—Refined Cast Iron with Wide Deep Cut Teeth on the Inside of the Pinions.

Pawls—Tempered Steel; Flat in Design; Double Lipped; these Pawls Together with the Pinions Form a Secure and Easy Operating Ratchet.

Reel—6 inches in Diameter; Has Four Tool Steel Knives.

Cutter Bar Knife—Is Tool Steel, Oil Tempered.

Ball Bearings—Are Hardened Polished Steel.

Reel Bearings—Are Self Adjusting.

Roller—Is of Select Hardwood, Varnished; 1⅞ inches in Diameter.

Handle—Is Straight Grained Hardwood; Varnished.

Finish—Gold Bronze Trimmed in Blue and Red; Treads Painted Gray.

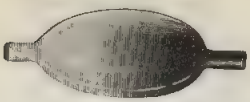
Adjustable to Cut Grass, ¼ to 1½ inches.

Nos.	SDS10¼/16	SDS10¼/18
Width of Cut, inches	16	18
Extreme Width, inches	24	26
Weight Each Boxed, lbs.	52	54½
Each	$14.30	15.40

One in a Carton, Handles, Six in a Bundle

Use *SHAPLEIGH'S NORLEIGH DIAMOND Lubricator and *SHAPLEIGH'S DIAMOND EDGE Sharpening Paste

CASTING FLOATS



HOLLOW REED STEM PATTERN

High Grade Cork; Perfectly Smooth Finish, Painted in Various Rainbow Colors; Covered with Waterproof Varnish; Bamboo Reed Stem Extends Entirely Through Float; Stem has Hole Drilled Through its Entire Length for Adjusting Float in Position on Line.

Nos.	Length, ins.	Weight per Dozen, ozs.	Per Dozen
CRS2	2	2¼	$2.70
CRS2½	2½	3	3.30
CRS2¾	2¾	3½	4.00
CRS3	3	4	5.00

One Dozen in a Box

HOLLOW REED STEM PATTERN

High Grade Cork; Perfectly Smooth Natural Finish; Bamboo Reed Stem Extending Entirely Through the Float; Float has Hole Drilled Through its Entire Length for Adjusting Float to Any Position Desired on the Line, When Used in Connection with Small Wooden Pegs, which Hold the Float Firmly in Place.

Nos.	Length, ins.	Weight per Dozen, ozs.	Per Dozen
RS2	2	2¼	$2.20
RS2½	2½	3	3.00
RS2¾	2¾	3½	4.00
RS3	3	4	4.50

One Dozen in a Box

SHAPLEIGH'S POINTERS

Still Fishing is
The World's Best Excuse
for Laziness —
We all like it
and
Here's the Stuff that
Makes it Easy.

ALARM BELLS

To Be Used for Throw Line or Trolley Line Fishing from Boat or Pier; Made of Spring Steel with Spring Coil; Special Line Fastener; Nickel Plated Bell.

Per Dozen
No. ABX — Length, 7¾ inches; Weight per Dozen, 1 lb. $1.30
One Dozen in a Box

To Be Used for Throw Line or Trolley Line Fishing from a Boat or Pier; Metal Base with Screw; Upright Steel Spring with Spring Wire Coil to Fasten to Line.

Per Dozen
No. AB—Length, 7¼ inches; Weight per Dozen, ¾ lb. $3.00
One Dozen in a Box

To be Used for Throw Line or Trolley Line Fishing from Boat or Pier; Metal Base with Screw; Upright Steel Spring with Spring Coil to Fasten to Line; Copper Bell.

Per Dozen
No. AB1—Length, 6 inches; Weight per Dozen, 1 lb. $4.00
One Dozen in a Box

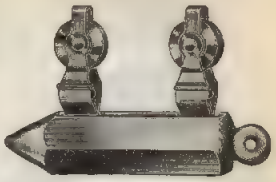
AUTOMATIC ANCHORS

For Trolley Line Fishing, Anchoring Small Boats, When Hunting or Fishing; Also Anchoring Decoys.

Throwing Out this Anchor Opens it Automatically; to Haul in, Pull Line Tight and Let Go at Once, this Will Loosen Anchor and Close it Automatically So it Can be Hauled in Easily. Made of Malleable Iron with Steel Folding Wires; Length Over All, 6¼ inches.

Per Dozen
No. AC—Weight Each, 14 ozs.; Weight per Gross, 143 lbs. $6.00
One Dozen in a Box

TROLLEY SINKERS

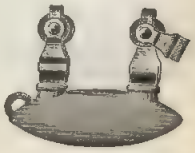


Made of Lead with Two Brass Pulleys; Pulleys Open by Pressing Lever In, Then Pushing Sidewise; Has Large Wheels and Will Travel Fast.

Per Dozen
No. T4—Weight Each, 10 ozs.; Weight per Dozen, 7½ lbs $8.00
One Dozen in a Box

The Best Trolley Sinker Made; Can be Opened by Pressing Lever in and then Pushing Sidewise; Has Three Brass Pulleys; the Middle Pulley Catches Line Below when Pulled Up thus Preventing Line from Cutting at Corner of Fork and Saving the Line.

Per Dozen
No. T7—Weight Each, 10 ozs.; Weight per Dozen, 7½ lbs $8.00
One Dozen in a Box



DOUBLE TROLLEY SINKERS

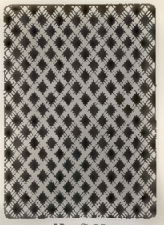
With Brass Forks and Brass Pulleys with Open Fork; May be Opened by Pressing Lever in and then Pushing Sidewise.

Per Dozen
No. T8—Weight Each, 7 ozs.; Weight per Dozen, 5¼ lbs. $8.00
One Dozen in a Box

No. S-123 and No. S-422.

No. S-999.

No. S-808.



No. S-92

	Per Doz. Packs
No. S-422—Playing Cards; fancy backs; round corners; plain edges, bridge size	$4.50
No. S-123—Playing Cards; fancy backs; round corners; gilt edges; linen finish, bridge size	5.50
No. S-999—Playing Cards; round corners; two color plaids, calico patterns	6.00
No. S-808—Playing Cards; air cushion finish, highly enameled; bicycle and other popular designs in all colors	9.50
No. S-92—Playing Cards; smooth finish, all over backs, No. 67 red or blue	10.50

One dozen packs in a box; weight per box, 3 lbs.

CONGRESS.

Congress cards are reproductions of the most artistic paintings in full colors and gold. Subjects are used that have a wide appeal. They find a ready sale everywhere. They are famous for their beauty and elegance and are most appropriate for well appointed card parties.

	Per Assortment
No. S-CA—Card Assortments; containing 6 packs of assorted cards; weight per assortment, 2 lbs.	$5.40

	Per Dozen Packs
No. S-C—Playing Cards	$10.80

BRIDGE PAIRS.

	Per Case of 2 Packs
No. S-B—Playing Cards; consists of two packs of Congress cards in telescope case	$1.80

POKER CHIPS.

PLAIN.

Assorted red, blue and white, 1½ inch diameter.

	Per 1000
No. S-100—Poker Chips; celluloid, plain	$9.00
No. S-150—Poker Chips; unbreakable paper, plain	6.50

100 in a box, 25 red, 25 blue, 50 white.

Weights, per box—No. 100, 2 lbs.; No. 150, 1 lb.

Sold only in full boxes.

ENGRAVED.

FLUSH HAND

ELK

CROWN

Assorted red, blue and white, 1¼ inch diameter.

	Per 1000
No. S-200—Poker Chips; celluloid, engraved in any one of the above three designs; **specify design wanted**	$36.00

100 in a box; 25 red, 25 blue and 50 white.

Approximate weight, per box 1¼ lbs.

Sold only in full boxes.

DICE CUPS.

	Per Dozen
No. S-10—Dice Cups; leather, 2x3½ inches.	$12.00

Weight, per dozen 1½ lbs.

In bulk.

Fly Fishing

A Word to Anglers

This department has, under our close and careful attention, reached an unusual degree of excellence. Our thorough knowledge of angling and fly tying enables us to present not only the best and most serviceable flies, but to make them in the proper way. In late years there has been a tremendous increase in the number of sportsmen that have taken up fly fishing for Trout, Bass, Salmon, etc.

Fly Tying as an Art

Did you ever consider the thought, skill and time involved in putting the lure and lifelike appearance in artificial Trout, Bass and Salmon flies?

(Figure 1)

(Figure 2)

(Figure 3)

(Figure 4)

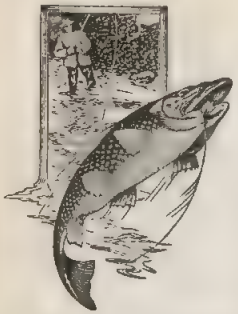
To start the construction of a fly, all feathers must be sorted, such as hackle, wings and tippets. Next the body must be put on. This is done with silk on most patterns and tinsel is put on over the body in rib like fashion to give it the appearance of a real fly. See fig. 1 and 2.

Next the hackle is tied in position and then the wings are tied to the fly. See fig. 3.

The hackle is now taken up and tied. Next a waterproof solution is used to fasten the head down. This completes the operation. See fig. 4.

Then the fly is inspected and packed.

A Brief Treatise on the Art of Fly Casting



FLY CASTING

Fly fishing for the wily trout, or bass, is a recreation unsurpassed. It is no wonder, then, that the vast army of vacationists and health-seekers are taking up fly fishing as their chief pastime. No other outdoor sport can compare with the thrills one has when playing and landing a real game fish. No one can know the real boundless pleasure that Mother Nature has in store for him until he slips away to some good stream and matches his skill with the strength and cunning of a good trout or bass, and if you are successful in landing the fish, it makes you feel like a victorious general returning from the battlefield with the spoils of war. Fly fishing, if only for a day or a week, is so stimulating, so revivifying a thing that the greatest physicians proclaim it to be the most invigorating and healthful of outdoor sports.

If you would have a real wholesome and beneficial vacation, if you would know the real, boundless, exhilarating joy of fly fishing, then it is for you that the following lines are intended.

OUTFIT

Before proceeding to explain the art of fly casting I will endeavor to give the angler an idea of what his fly fishing outfit should consist of. The first thing to take into consideration is the fly rod, which should be about 9 feet long and should weigh about 5 or 6 ozs. The line should be an enameled line, and as light as can be cast. Your reel should be a good smooth running double multiplier, or an automatic. A good light leader about 6 feet long and a landing net with a handle about 2½ feet long, and a set of good strong flies, with 5 inch snells. The flies should be as near an imitation of the natural fly as it is possible to procure. A good fly book and leader box are also of importance.

You will find our fly fishing outfits just the thing for all-round lake and stream fishing.

CASTING THE FLY

To make an ordinary overhead cast correctly, the angler should begin with a gut line not more than six feet long and with two flies. Supposing, then, the rod and line correctly balanced, and mounted with suitable gut lines and flies, let him draw off from the reel as much as once and one-half the length of the rod, allow the current to carry the line down stream until it is fairly taut from end fly to rod tip. Now let him raise his rod until only the leader and flies lie lightly on the water, and he is ready for the back cast, with a smart stroke back over his shoulder, slightly inclining the rod's point to the right. He must left his line clear behind him, avoiding all elbow work, and without allowing the rod point to go back further than an angle of 45 degrees. This throws the line behind him, where he must be careful to allow it time to straighten out. If he starts the forward cast too soon he may snap off the end fly. As soon as the line has straightened out in the rear, and this can be determined from the pull of the line on the tip of the rod, swing the rod forward in the direction desired to a position a little above parallel with the water. To cause the flies to alight softly, which is most desirable, slightly raise the tip of the rod just before the flies fall upon the water. Try always to do your casting with the wrist and positively not with the whole arm's swing from the shoulder. The proper grasp of the hand upon the rod has a good deal to do with facilitating casting purely with the wrist, and the right way to grasp the rod is to have your thumb extended along the upper surface of the rod handle.

It is hardly ever necessary for practical fishing purposes to cast more than forty feet, and no very great amount of practice will enable you to cast thirty feet consistently and with needful accuracy and delicacy. So do not attempt on your first fishing trip to smash the records of expert fly casters. Confine yourself to a reasonably short line and accuracy, and keep your elbow low.

A few days' experience on the stream will qualify you as a practical fly caster. In the meantime you will pick up a number of points regarding fly casting. You will discover, for instance, that the kind of fly fishing which proves most resultful is the cool, deliberate and thorough sort, carefully working your flies over every ripple and little pool, and never neglecting the water near at hand for some supposedly better (swim) further on.

WHERE AND HOW TO FISH

In the fly fishing season Trout generally lie everywhere in the shallow swift portions of the stream, and you must thoroughly try out every riffle and rapid. Bass are caught more readily in the deep pools and close to brush and logs. The best cast is across or up stream and let the fly float down in a natural way. It is indeed a good plan, when you come to a still extensive pool, to fish it from below as well as from the top. The beginner, however, will do well to confine himself to casting down stream, as the current is a great aid to straightening out an awkward thrown line.

If these directions are carefully studied the angler will see that there are three movements and a "Pause": (1) Raise the rod point—get as much line clear of the water as possible. (2) Make the backward cast, then "Pause" until the line gets time to straighten. (3) Now make the cast over the place intended and the movements are complete. Having in a degree mastered this, the angler should extend his line (about a yard at a time) until he can fairly command the water being fished. He must now choose how and where he will fish, and in this experience only will guide him, keeping in mind that the wind at his back is an advantage. Always fish with the sun in your face, or otherwise your shadow may fall upon the water and scare the fish.

STRIKING AND HOOKING

Besides casting the fly, there is great art in striking and hooking the fish When a fish is seen to rise to your fly, this can be ascertained by the rings which will appear in the water when the fish takes the fly, the rod point should be smartly raised with a motion of the wrist only, taking care that you do not jerk too hard, as very little force is sufficient to fix so sharp an instrument as a small fly hook in the mouth of a fish.

In doing this the angler must be very careful, as the excitement usually causes the beginner to strike too hard and consequently he will lose the fish and run chances of breaking his tackle. If you strike too slow, the fish will have a chance to mouth the fly and blow it out as soon as it discovers its artificial nature.

"PLAYING" AND LANDING THE FISH

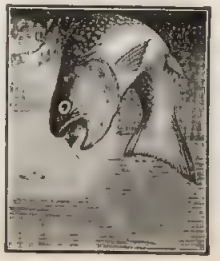
After you have hooked the fish, it now remains to land him. It is always best not to hurry the process of landing the fish. Hold the rod point well up so that the pliancy of the rod may be utilized in the play. If the fish rushes off wildly, do not attempt to stop him, but the moment he eases up, put a firm strain on the line, and in a few minutes, if you are able to hold him away from snags, he will be exhausted.

When the fish is exhausted he will lie on his side in the water. Then draw him slowly toward you, taking care that he does not touch any obstacle in the water, as this may cause him to rush off again, and you will run chances of losing him. When he reaches a position above your landing net, which you should have in readiness, raise it with a steady sweeping motion, and the fish is yours. After which it should be at once killed by a blow on the head.

THINGS TO REMEMBER

As a rule, fish do not feed early in cold weather. Big fish stay around the pools and eddies, except at night. Little fish love the ripples. All game fish generally lie with their heads up stream. Arrange your cast so that one fly will be in the surface and one sunken. Never work your flies against the current, always let them follow the natural direction. Keep out of sight as much as possible and follow the directions carefully and you are bound to be successful.

ABOUT FLIES



The angler should never neglect to have a well filled fly book, as he may be compelled to try a number of flies before he finds the right pattern. The best way is to copy nature as much as possible. If you notice a dull grayish sort of fly, around the stream you are fishing, then the Willow Fly will doubtless be the most killing, or if the natural insect is a Yellow Fly, then the Yellow May or Sally will be the one to use, etc.

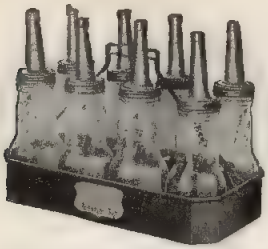
The list of patterns contained in our catalogue was selected by a jury of expert anglers, and is considered the most killing set of flies obtainable.

VALENTINES

ALL AMERICAN MADE.

Sweet heart
To My Valentine
For My Valentine
To My Valentine
To My Valentine
To

OIL SERVICE SETS.



A speedy, attractive, clean and efficient means of dispensing oil at garages and service stations. Bottles of crystal clear glass that show up the oil to best advantage. Bottles have standard quart mark, also have pint mark.

Copper colored spouts with colored dust caps to designate light, medium and heavy oil. Air vent tube permits fast or slow pouring. Slope of spout enables easy dispensing. Bottles quickly filled from ordinary pump without removing spout.

Durable basket and handle of cold rolled steel, aluminum finish, electrically welded throughout. Shipping weight, 19 lbs.

Per Set

No. A-329—Oil Service Sets; with baskets; 8 bottles, 8 spouts with caps.....$5.50

Per Dozen

No. A-331—Oil Service Bottles; standard quart size glass..$2.75

Each

No. A-333— Oil Service Baskets; 8 bottle capacity.....$2.50

Per Dozen

No. A-332—Oil Service Bottle Spouts.....$4.00

CRANK CASE FILLING.

BROOKINS.

A convenient large size measure with a flexible metal hose that easily reaches any oil intake without a funnel. Every filling station and garage needs these measures for filling large car and truck crankcases.

Made of 24-gauge terne plate, copper plated. They hold the exact quantities designated when filled to the cross member.

Each

No. A-6B—Measures; capacity, 6 quarts.....$4.50

No. A-8B—Measures; capacity, 8 quarts..... 5.40

No. A-10B—Measures; capacity, 10 quarts..... 6.00

FUNNELS.

GALVANIZED.

Especially well made from 28 gauge galvanized sheets. Fine brass strainer.

Each

No. A-500—Funnels; diameter at top, 10¼ inches; 1½inch outlet.....$1.00

An oil funnel with an extra deep run that will hold a gallon of oil. Made from galvanized steel with brass strainer in spout.

Each

No. A-58—Funnels; diam eter at top, 10¼ inches; 4¼-inch rim; 1⅛-inch outlet.....$1.00

Made with offset spout to permit access to crank cases with filler close to dash, block, etc. Made of galvanized steel with brass strainer in spout

Each

No. A-60—Funnels; diameter at top, 8¾ inches; 2¼-inch rim; ⅞-inch outlet.....$1 00

TWO-IN-ONE OFFSET.

This funnel nominally has a projecting spout at an angle 2¼ inches long. This spout can be attached to either end of the tube on the funnel which gives the advantage of 2 angles

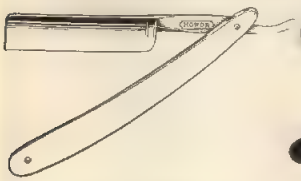
Each

No. A-3000—Funnels; diameter at top, 6 inches; diameter at spout, ¾ inch $1 25

RAZORS

GENCO

Highest grade razor steel blades, uniformly tempered, carefully ground and tested; honed ready for use



Honor

Blade ground extra full concave, highly polished crocus finish on back and shoulder to tang, translucent horn handle, rich and mellow as old ivory.

Per dozen

No. 400H—**Honed** point, width of blade ⅝ in.; wt. per dozen 1¾ lbs. **$75.00**

One-half dozen in a box.

Gold Seal

Blade ground extra full concave, oval tang; highly polished, with back and tang heavily gold plated; flat, transparent amber handle with beveled edges.

Per dozen

No. 350H—**Honed** point, width of blade ⅝ in.; wt per doz. 1¾ lbs. **$67.50**

No. 350R—**Round** point, width of blade ⅝ in.; wt. per doz. 1¾ lbs. **67.50**

One-half dozen in a box.

Grant

Blade ground special concave, forged with oval tang, Genco polished finish, oval imitation ivory handle with metal tips

Per dozen

No. 300R—**Round** point, width of blade ⅝ in.; wt. per doz. 1¾ lbs. **$67.50**

One-half dozen in a box

RAZORS

GENCO

Highest grade razor steel blades, uniformly tempered, carefully ground and tested; honed ready for use.

Heavy

Blade ground half concave with stiff bevel, finely polished, oval imitation ebony handle with metal tips.

Per dozen

No. 250R—**Round** point, width of blade ⅝ in.; wt. per doz. 1¾ lbs. **$48 00**

One-half dozen in a box.

Blade ground half concaved, fine polished crocus finish, flat heavy vulcanized black rubber handle

Per dozen

No. 200R—**Round** point, width of blade ⅝ in.; wt. per doz. 1¾ lbs. **$43 20**

One-half dozen in a box.

Blade ground one-half concaved, highly finished fine Sheffield steel, black rubber handle.

Per dozen

No. 150R—**Round** point, width of blade ⅝ in.; wt. per doz. 1¾ lbs. **$32.40**

Blade ground not quite one-half concave with flat bevel, high carbon steel, black rubber handle.

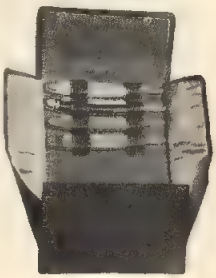
Per dozen

No. 100R—**Round** point; width of blade ⅝ in.; wt. per doz. 1¾ lbs. **$24.00**

One-half dozen in a box

RAZOR ASSORTMENTS

GENCO SPECIAL



Per assortment

No. A—Consists of one dozen assorted razors in assorted sizes and points, with black red, and metal tipped handles, in yellow lined roll; wt. per assortment 2 lbs., one assortment in a box.. **$27.00**

No. AXX—Same as above, but packed in a pasteboard box **24 00**

SAFETY RAZOR BLADES

DURHAM DUPLEX

Finest Swedish steel. Hardened, oil tempered, hollow ground, honed, stropped and hand inspected.

For Durham Duplex razors.

Per carton

No. DD5—5 blades in a package, 20 packages in a carton; wt. per carton 1 lb... **$21.00**

VALET AUTO-STROP

High grade razor steel, tempered and carefully manufactured, finished and tested by experts.

For new and old style Auto-Strop razors. Each blade is wrapped in waxed paper and placed in individual envelopes

Per carton

No. A5—5 blades in a package, 20 packages in a carton, wt. per carton ⅝ lb. **$11.04**

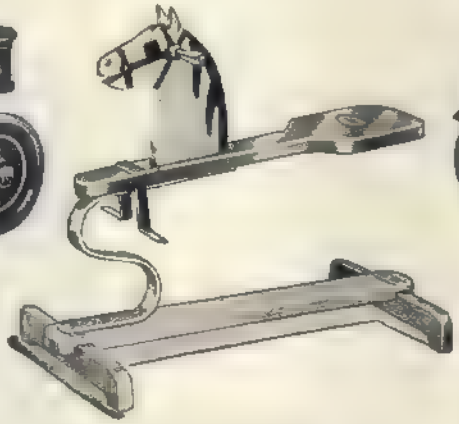
Gendron Vehicles for the Children

THE LINE THAT SETS THE PACE

STEEL WAGON—BULL DOG

BODY—Size 15¼x33¼ inches; heavy sheet steel reinforced with large beads. Rolls on top and bottom. **GEAR**—Heavy Stamped channel steel gear with unusual strength **WHEELS**—9½-inch disc wheels, 3-inch rubber tires. Self retained roller bearings. Nickel plated hub caps. **FINISH**—Body is finished in red, stenciled in cream, wheels in red, striped in cream. Gears and handle, black enameled.

328 J01. Each **$7.56**



JUMPING HORSE

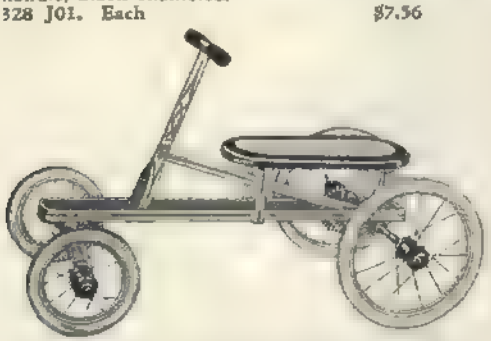
BODY—Length overall, 25½ inches. Height to seatboard, 12½ inches. Realistic Horse head Steel stirrups. **SPRING**—Heavy oil tempered spring steel. **FINISH**—Seatboard and cross legs, red; platform, natural varnished. Horse head and spring, buff.

328 J03. Each **$4.48**

PIERCE ARROW WAGON

BODY—Size 15¼x33¼ inches; heavy sheet steel, reinforced with large beads. Rolls on top and bottom. **BRAKE**—All steel spoon brake. **WHEELS**—9½-inch spoke type wheels, ¾-inch tires. Self retained roller bearings. Nickel plated hub caps. **FINISH**—Body finished in green stenciled in cream. Wheels green, striped in cream. Gear and handle aluminum finish.

328 J02. Each **$7.26**

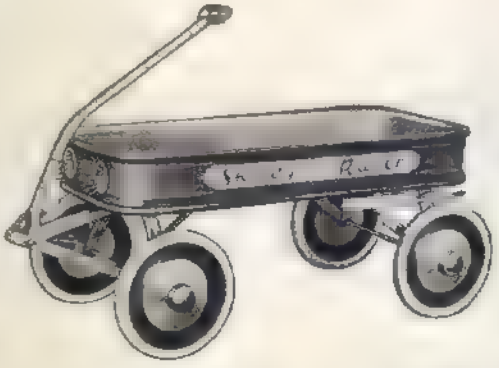


DeLUXE BALL BEARING HAND CAR

FRAME—Steel, length overall 36 inches. Sea green enameled. **SEATBOARD**—8x16 inches, finished in sea green with attractive decorations. **CROSS HANDLE** Fitted with heavy rubber grips. **WHEELS**—8 and 12-inch, with 1-inch rubber tires. Nickel plated tangent spokes and nipples. Nickel plated ball bearing hubs. Nickel plated hub caps. Finish, sea green enameled and striped.

328 J04. Each **$15.06**

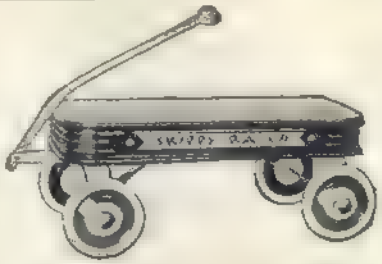
"Skippy" Racers They're Very Elegant



SKIPPY STEEL COASTER WITH ELECTRIC HEADLIGHTS—well equipped, sturdily built. The headlamps are now recessed to protect them from breakage. The two-tone color combination is particularly effective. The body is green outside, yellow inside. Steel brake and steel gear, strongly reinforced.

BODY—Heavy sheet steel, reinforced with beads. Large roll on top and bottom. Heavy one-piece bottom **WHEELS**—Double disc type. Self retained roller bearings. Nickel plated hub caps **TIRES**—1-inch white rubber tires **DIMENSIONS**—Size of body, 15 inches x 33¼ inches. Wheels, 10-inch. Tires, 1 inch

328 J05. Each **$9.30**



SKIPPY STEEL TOY WAGON -for children from 2 to 4. All steel construction for extra strength and durability. New white rubber tires Reinforced wagon box, tubular handle.

BODY—11¼ x 24 x 3 inches. **WHEELS**—6-inch double disc type. **HANDLE** Curved tubular handle with steel loop grip with rubber bumper. **FINISH**—Body, Violet blue outside, buff inside, with buff panel. Handle and gear, buff **Wheels**, Violet blue with buff centers, striped in tangerine.

328 J06. Each **$3.34**

NEW SKIPPY SNO PLANE . . . A streamlined sled, the first new departure in sled design in more than a generation. Ultra-modern beauty and style are combined with faster speed and easier steering. Middle runner controls steering; springs equalize tension on both sides so that steering automatically adjusts itself. Chromium plated tubular bar, rubber grips, three sizes, for coasters from 5 to 15.

FINISH—Top finished in velvet black with decoration in red. Runners and knees finished in red. Curved tubular front chromium plated.

328 J07. LENGTH—40-inch. Each **$ 9.06**
328 J08. LENGTH—46-inch. Each **10.66**
328 J09. LENGTH—52-inch. Each **12.26**

This modern Skippy Scooter, fully streamlined, is now not only the smartest in appearance but also the fastest. Greater speed is achieved through newly designed ball-bearing wheels, enabling drivers to go more miles per hour than ever before.

WHEELS—10 inch steel disc, ball bearing 1 inch rubber tires. **LENGTH OVERALL**—43 inches. Height 32 inches. **FINISH**—Frame, fork and footboard red, fenders red with white trim, wheels white with red striping.

328 J10. Each **$7.46**

—Prices Quoted are F.O.B. Ohio Factory—

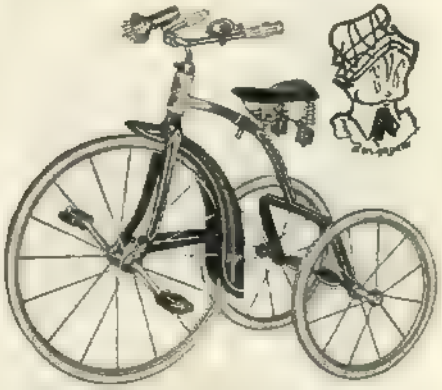
Pioneer Velocipedes

HEALTH BUILDERS

TUBULAR VELOCIPEDES

FRAME—⅞ inch tubing, flush joint construction **BEARINGS**—Front wheel bearings are balls and run on hardened steel cups and cones. Rear wheels are plain bearings **PEDALS**—Rubber pedals, plain bearing **TIRES**—1-inch cushion rubber tires. **FINISH**—Frame and fork enameled in royal blue, wheels red

No.	Front Wheel	Rear Wheels	Each
327 J01.	1[illegible] in	8 in	$7.76
327 J02.	16 in	16 in	8.86
327 J03.	20 in	14-in	9.36



SKIPPY VELOCIPEDE—moderately priced fully equipped. The ⅞ inch new square tubing is the most outstanding recent development in velocipede construction. New motorcycle type handle bar, electric headlight, motorcycle saddle. In three sizes, for kids from 3 to 7

WHEELS—Front wheel revolves in ball bearing cones. 1-inch white rubber tires. Nickel plated hub caps. **EQUIPMENT**—As illustrated. **FINISH**—Liberty green with yellow trim, striped in yellow. Yellow wheels. Green saddle

No.	Front Wheel	Rear Wheels	Each
327 J08.	12-inch	8-inch	$13.66
327 J09.	16-inch	10-inch	15.04
327 J10.	20-inch	14-inch	16.72

TUBULAR VELOCIPEDES

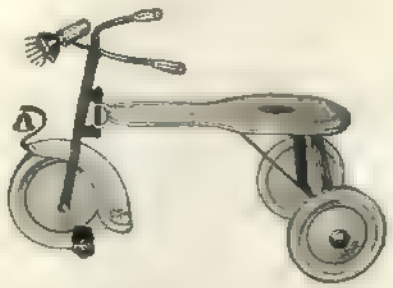
BEARINGS—Front wheel bearings are balls and run on hardened steel cups and cones. Rear wheels are also fitted with ball bearings. **FINISH**—Frame and fork finished in maroon enamel, striped in white White head. White rims, striped in maroon.

No.	Front Wheel	Rear Wheels	Each
327 J16.	12-in.	8-in.	$18.62
327 J17.	16-in.	10-in.	20.30
327 J18.	20-in.	14-in.	21.90
327 J19.	24-in.	16-in.	24.00

TOT BIKE

SPECIFICATIONS—Seat board 7½ x 10½ inches. Top of seatboard 11 inches from floor. **WHEELS**—8 inch disc, front and 5½-inch disc rear. ½ inch rubber tires. Rubber pedals. **FINISH**—Wheels enameled in orange Gear and handles black Seatboard, orange, varnished

327 J04. Each $2.86



New Skippy Fire Chief Pedal Bike—certain to prove popular with the younger kids who like to get there and get there fast. Attractive features include bicycle type handle bar, streamline fenders, electric headlamp. This model is designed for children from 2 to 4 years old.

SEATBOARD—7½ x 19 inches. **HEIGHT TO SEATBOARD**—12 inches. **WHEELS**—Front, 8 inch disc with 1 inch white rubber tires. Rear, 7 inch disc, with 1 inch white rubber tires. Nickel plated hub caps.

327 J11. Each $6.44

All Prices are Subject to Regular Catalog Discount and are F.O.B. Ohio Factory

TUBULAR VELOCIPEDE

FRAME—Bicycle tubing, flush joint construction **WHEELS**—Ball bearing. Front 10 x 1-inch R. T. Rear, 7 x 1-inch R. T. Nickel plated bicycle spokes, hubs, and handle bars. **SADDLE**—Adjustable with padded top and double coil springs. **FINISH**—Frame, fork and rims enameled in red, striped in white, and with a white head

327 J20. Each . . $10.74

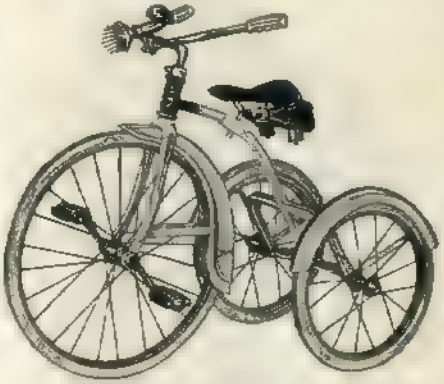
MANY SIZES

TUBULAR VELOCIPEDES

With streamline fender, Rear Steps.

FRAME—⅞-inch tubing, flush joint construction. **BEARINGS**—Front wheel bearings are balls and run on hardened steel cups and cones. Rear wheels are plain bearings. **TIRES**—1 inch cushion rubber tires. **FINISH**—Frame and fork enameled in bright red, striped in cream, and with a cream head. Wheels finished in cream.

No.	Front Wheel	Rear Wheels	Each
327 J05.	12-in.	8-in.	$10.78
327 J06.	16-in.	10-in.	11.90
327 J07.	20-in.	14-in.	13.44



The new de luxe Skippy Velocipede—strikingly beautiful in design and in color combinations with full ball bearing equipment and tubular fork. Finished in white, with white rubber tires and white grips. This model has streamlined fenders on all three wheels. Motorcycle type handle bar and chromium plated electric headlight

No.	Front Wheel	Rear Wheels	Each
327 J12.	12 inch	8-inch	$21.26
327 J13.	16-inch	10-inch	22.80
327 J14.	20-inch	14-inch	24.96
327 J15.	24-inch	16-inch	27.44

FIRE CHIEF VELOCIPEDES

BEARINGS—Front wheel bearings are balls and run on hardened steel cups and cones. Rear wheels are plain bearings. Siren—Gong Bell—Electric Headlight. **SPOTLIGHT**—Electric, self contained, less batteries **FINISH**—Frame and fork enameled in red, striped in white, and with white head. Wheels finished in aluminum.

No.	Front Wheel	Rear Wheels	Each
327 J21.	12-in.	8-in.	$13.30
327 J22.	16-in.	10-in.	14.34
327 J23.	20 in.	14-in.	15.78

Playing Cards

Fancy Back Playing Cards. High grade stock, linen finish, 52 cards and joker. Two-color backs in several designs. One dozen to the box.

No. 34S21. Plain edges. Per dozen..... 2.25

No. 34S13. Gilt edges. Per dozen..... 2.40

"Solar" Pinochle Cards. A good quality card in the new narrow size. Gayly designed backs. 48 cards to the deck, 9 spot low.

No. 34S39.

Per dozen 2.25

Playing Cards. Good quality enameled stock, large indexes, perfect slip. Made in poker size card with plain edges. 52 cards and joker. Assorted red and blue backs to the dozen.

No. 34S6.

Per dozen..... 2.25

Pinochle Cards. Nine spot low, 48 cards to the deck. Good quality enameled stock, satin finish. Assorted red and blue backs to the dozen.

No. 34S7. Per dozen 2.25

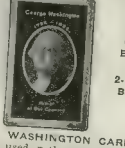
"Bee" Playing Cards. An extra fine quality card, double enameled, cambric finish. **All-over backs.** Assorted Red and Blue backs to the package of one dozen.

No. S92. Per dozen 4.75

NOW! The Buy of the Year

Linen Finish

Bridge Size



Gold Edges

2-Color Backs

GEORGE WASHINGTON CARDS

Made of stock used in the manufacture of the highest playing cards obtainable. Linen finish, has gilt edges, bridge size. 52 cards and joker to the deck. The backs are made up in two-color combinations. One dozen assorted to the box.

No. 34S27. Per dozen..... 2.40

Bicycle Playing Cards. Air cushion finish, comes in various artistically designed backs. Can supply standard size regulation packs, 52 cards and joker, standard size pinochle, 48 cards, 9 spot low.

No. S808. Bicycle. Per dozen..... 4.15

No. S48. Bicycle Pinochle. Per dozen..... 4.15

High Grade Playing Cards. Put up in neat individual boxes. Come in both single and double pack boxes. Linen finish, gilt edge, attractive two-color backs. Assorted designs. Bridge size. Each deck in box.

No. 34S11. Per dozen..... 2.50

Two decks to a box.

No. 34S12. Per dozen sets (2 dozen cards)..... 5.00

Pinochle Deck. Each in box.

No. 34S72. Per dozen..... 2.50

"Congress," the quality playing cards known the world over for their beautiful backs and wearing quality. Made of the finest linen finished stock highly enameled, gold edges. An assortment of artistic backs. Bridge size only.

Each deck in an individual case.

No. S606. Per dozen..... 5.40

Put up two decks to a box.

No. S6060. Per dozen sets (3 dozen cards)..... 10.80

The "Vogue" Playing Cards. High grade playing cards in attractive designs, linen finish, put up in both single and double cases. Bridge size. Gilt edges.

Put up one deck to an individual box.

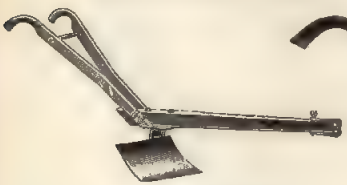
No. 34S18. Per dozen decks.. 2.75

Put up two decks to a box.

No. 34S19. Per dozen sets (2 dozen cards)..... 5.50

COTTON SCRAPERS

MEMPHIS OR WHITE PATTERN



Double Edge Blade

This scraper is exclusively used in our middle western territory and gives perfect satisfaction.

Extra long and heavy beam, double edge, reversible blade made of hardened plow steel and lacquered.

	Each
No. MWS—Weight each 44 lbs.	**$14.55**
Extra Blades—For No. MWS scraper	**2.25**

Open stock.

BRINLY WHITE
"The Genuine White"

Double Edge Blade

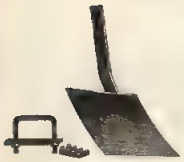
Designed especially for the scraping of cotton beds. Special designed blade is bolted securely to a solid cast iron standard. The blade is reversible, giving it double wearing qualities The standard which is of sufficient weight to hold it securely to the side of the bed, is highly polished on the bottom which insures light draft.

	Each
No. WS—Weight each 50 lbs.	**$15.00**
Extra Blades—For No. WS scraper	**3.00**

Open stock.

SCRAPER BLADES

CARAWAY OR MISSISSIPPI



Best quality of steel, may be easily attached to plow stock. Clamp for wood beam or steel beam. The best scraper for cotton.

	Per dozen
No. CS—Complete with "U" shaped bracket and nuts; weight each 11 lbs.	**$34.80**

Open stock.

SCRAPER BLADES

KING CULTIVATOR

Best quality steel, with malleable back.

Back is adjustable. Has two bolts.

	Per pair
No. 85—9 in.; weight each 20 lbs.	**$5.75**

Open stock.

PLOW STOCKS

BRINLY STEEL SHOVEL STOCK

Strong, Carefully Balanced, Light in Weight.

Designed for use with the many varieties of steel shapes, both one and two-hole, manufactured for the Southern territory. Best quality handles, well braced. Best quality special forged steel beam.

Slotted heel will take either one ⅝ in. heel bolt, as used on one-hole shapes, or two ⅞ in. heel bolts (not over 2¼ inches apart) as used with two-hole shapes

	Each
No. 5—Complete with high carbon steel, straight knife coulter and blade, steel clamp and ⅝x2½ in. heel bolt; weight each 37 lbs.	**$11.40**
No. 10—Complete with coulter only	**10.50**

Open stock.

PLOW STOCKS
GEORGIA RATCHET

This stock is very popular among the southern states. Ratchet on top of beam prevents the foot from slipping and beam from wearing. Well braced.

Each

No. 1G—3 ft. 10 in. wood beam; $\frac{7}{16}$ in. standard, for one horse; weight each 20 lbs. $6.30

No. 2G—3 ft. 6 in. wood beam; $\frac{3}{4}$ in. standard; weight each 18 lbs. 5.70

Extra Ratchets—For No. 1G ..... .10

Open stock.

UNIVERSAL

Bent Foot

Best quality material, correct shape; carefully finished. Foot made of $\frac{7}{16}$ in. material.

Each

No. 1U—3 ft. 10 in. wood beam: for one horse; weight each 22 lbs. $6.50

Open stock.

SAMBO

Best material. Has an upset toe with all the metal left in it, not sheared off at toe. This makes the foot set level. Foot made of $\frac{5}{8}$ in. material.

Stock has handle rod, extra heavy, foot and clevis.

Each

Sambo—4 ft. wood beam; weight each 23 lbs $7.50

Open stock.

PLOW STOCKS
WONDER

Blue Wonder Steel Beam

Well built and handsomely finished.

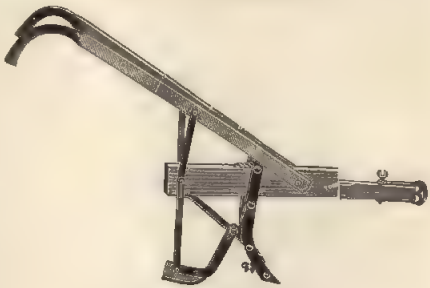
Each

No. 1W With blade and coulter; wt. each 60 lbs.... $15.00

No. 1WO—With coulter, less blades..... 13 50

Open stock.

TEXAS, MIDDLEBREAKER



Two Horse; With Rudder

Adapted for heavy work; it is equipped with long handles; strongly braced and beam is extra heavy The rudder as well as the foot is adjustable and makes the plow run perfectly steady.

Each

No. 7—2 1/8x4 1/4x48 in. beam; wt. each 32 lbs $10.00

Open stock.

WHEEL COMBINATION SCRAPER

The most popular of all scraper stocks, and this pattern is most favorably known. It is strongly built throughout, the beam being especially heavy. Either a sweep or scraper blade can be used on it. Equipped with scraper seat and sweep seat.

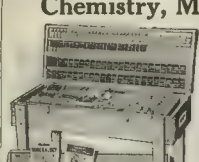
Each

No. 25—Complete with blades; wt each 45 lbs..... $12 00

No. 50—With standard only; weight each 30 lbs..... 9.00

Open stock.

Chemistry, Micro-Chemistry and Mysto Magic

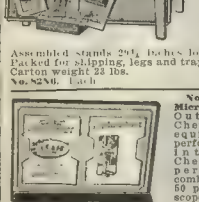


No. 20 Gilbert Chemistry. Master Scientists Laboratory Outfit. Chemistry, Glass-blowing, Chemical Magic, Mineralogy and Hydraulic and Pneumatic Engineering. This unrivaled scientific outfit is undoubtedly the finest thing of its kind ever offered the young scientist. Jammed full with a whole year's fun and entertainment, and scientific experiments of every description and kind. Handsome big blue brass bound desk type cabinet with removable metal work tray. More than 140 chemicals, mineral specimens and items of equipment. Five illustrated manuals, giving complete information for experiments in Chemistry, Glass-blowing, Chemical Magic, Mineralogy and Hydraulic and Pneumatic Engineering. Hundreds of experiments with magic tricks, testing metals, foods and making all sorts of compounds. Examine minerals, learn how to be a prospector. A wonderful scientific outfit. Assembled stands 29½ inches high, 12⅝ inches wide. Packed for shipping, legs and tray fit inside of chest. Individually packed. Carton weight 23 lbs.

No. 8ZN6. Each 13.00

No. 1 Gilbert Mysto Magic. Twelve clever tricks for the pocket or stage. Simple and easy to perform, including the Mysterious Multiplying Coin, Buddha Money Mystery, Mysterious Topsy-Turvy Match, Galloping Dime, Hiding Chessman and others. Complete manual of instructions. Size 18x10x1¼ inches. Packed each in box.

No. 8ZN50. Each ..... .67

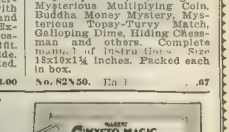


No. 4 Gilbert Micro Chemistry Outfit with Chemicals and equipment for performing many interesting Chemistry experiments in combination with 50 power microscope and necessary apparatus. Over 100 different experiments in Chemistry all explained in manual of instructions — 20 different pieces of apparatus. Microscope has high resolving power and magnifies about 50 diameters. Pilot nut focusing and equipped with adjustable mirror, dissecting needle, tweezers, slides, etc. Instruction folder included. Attractively packed in labeled cardboard box with hinged cover. Finished in blue and gold. Size, 13⅝x9⅝x2⅝ inches.

No. 8ZN11. Each 1.34

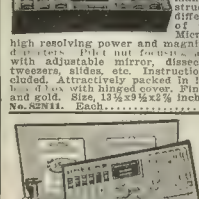
No. 3 Gilbert Mysto Magic contains 18 startling and mystifying tricks. Multiplying Billiard Balls, Mysterious Linking Rings, Hiding Chessman, Galloping Dime, Sensational Mind-reading Wonder and many others. Can be performed anywhere from drawing room to stage. Simple, effective, mysterious, up-to-date. Size 20⅝x13⅝x1¼ inches. Packed each in box.

No. 8ZN51. Each 1.67



No. 4 Gilbert Mysto Magic. All different tricks—not contained in any other set—such as the Dream of Midas, Great Ball of Wool Trick, Okello Coin Trick, Passe Passe Coin Trick, and many others of the world's most renowned magic tricks. Size 19⅝x13⅝x2¼ inches. Packed each in box.

No. 8ZN52. Each 1.97



No. 7 Gilbert Micro Chemistry. Combination Chemistry and Microscope outfit. Large assortment of chemicals with big 64-page instruction book showing over 160 experiments. Forty different pieces of apparatus for the advanced young chemist together with complete microscope equipment. Substantially constructed scope, has high resolving power. Equipped with three lenses giving magnification of 50—100—200 diameters. Rugged cast base, rack and pinion focusing, tilting device, and adjustable mirror. Fine assortment of accessories including Canada Balsam, Xylol, Nigrosine, straight and bent needles, slides, cover glass, etc. Complete manual of instructions. Assembled in metal cabinet, suitcase catches and carrying handle. Finished in blue and gold. Size 18⅜x10⅛x 2⅝ inches.

No. 8ZN12. Each 4.00

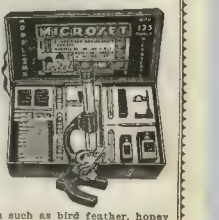
No. 5 Gilbert Mysto Magic. Contains an assortment of mystifying tricks of the World's Greatest Magicians including Passe Passe Bottle Trick, Svengali Mind-reading Wonder, Drum Head Tube Trick, Mystifying Card tricks, all explained in three manuals of instructions that come with this set. Outfit also includes an assortment of Handkerchief Tricks and Knots and Spikes. Packed in heavy cardboard box with hinged cover. Size 20⅝ x 13¾ x 2½ inches.

No. 8ZN53. Each 3.50

Microsets and Aquatic Specimens

Microset Model 1MX contains a 60 power microscope with removable eye-piece to facilitate cleaning of lenses, and a fully adjustable mirror. Glass specimen slides, sanitary dropper, dissecting instrument, permanent specimen slides, specimen collection jar, tweezer, lens cleaning tissues, specimen slide covers, complete with 12 page instruction book. Packed 1 dozen in carton.

No. S2N16.
Per dozen... 3.50

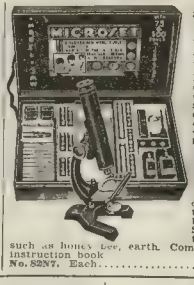


Microset Model 2MX contains a 125 power microscope with removable eye-piece to facilitate cleaning of lenses. Has a fully adjustable mirror. Equipped with stage clips to hold specimen slides firmly. Glass specimen slides, sanitary dropper, culture tubes, lens cleaning tissues, specimen slide labels, specimen collection jar, tweezer dissecting instrument, cover glasses, magnifying and dissecting stage, cover glass sealing liquid. Three vials, each containing a specimen such as bird feather, honey bee. Complete with 20 page instruction book.

No. S2N17. Each..... 1.65

Microset Model 3X contains a microscope with a power range of 80X to 325X. Fully adjustable mirror. Focusing wheel. With stage clips to hold specimen slides firmly. Glass specimen slides, sanitary dropper, culture tubes, lens cleaning tissues, specimen slide labels, specimen collection jar, tweezer, dissecting instrument, cover glasses, magnifying and dissecting stage, cover glass sealing liquid. Six vials, each containing a specimen such as bird, etc. Complete with 20 page instruction book.

No. S2N8. Each 2.55



Microset Model 3MW contains a microscope with a power range of 75X to 300X. Fully adjustable mirror. Focusing wheel. With stage clips to hold specimen slides firmly. Glass specimen slides, sanitary dropper, culture tubes, lens cleaning tissues, specimen slide labels, color filter, cover glass sealing liquid, specimen collection jar, tweezer, dissecting instrument, cover glasses, magnifying and dissecting stage, three vials stains, brush for stains. Six vials, each containing a specimen such as bird's bee, earth. Complete with 24 page instruction book

No. S2N7. Each..... 4.10

Microset Model 3MX contains a microscope with a power range of 75X to 900X. Fully adjustable mirror. Focusing wheel. With stage clips to hold specimen slides firmly. The feature of this set is that it is equipped with a substage lamp permitting under stage and over stage illumination. Glass specimen slides, sanitary dropper, culture tubes, lens cleaning tissues, specimen slide labels, three vials stains, specimen collection jar, tweezer, dissecting instrument, cover glasses, magnifying and dissecting stage, brush for stains, cover glass sealing liquid. Special slide with cavity for liquid specimens. Six vials, each containing a specimen such as earth, scales of perch, hair of bat, etc. Complete with 26 page instruction book.

No. S2N9. Each..... 5.00

Aquatic Specimens for Microscope Sets. A series of rare tropical marine life, permanently preserved for observation, collection and dissection. Imported from the waters of the Orient. Colorful, educational, fascinating. Packed each in bottle. ¼ dozen in box.

No. S2N15. Per dozen..... 1.35

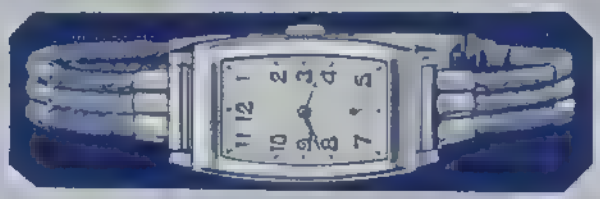
GLYCINE WATCHES

G341 9¾ Ligne, Yellow Rolled Gold $42.00
Plate Case, 15 Jewel Movement,
Pig Skin Strap.
G342 .....Same in White. $42.00

Our Years of experience, and having had occasion to handle every make of watch for maximum wrist watch satisfaction, there are no better watches made than the Glycine. After a quarter of a century the Glycine watch has achieved a reputation unsurpassed and uncontested.

We highly recommend Glycine Watches for their marvelous accuracy and beauty

G343 9¾ Ligne, Yellow Rolled Gold $50.00
Plate Case, 15 Jewel Movement,
Pig Skin Strap.
G344 Same in White.....$50.00



G345 9¾ Ligne, Yellow Rolled Gold $55.00
Plate Case, 15 Jewel Movement,
Leather Cord Bracelet.

ACCEPTED BY THE AMERICAN PUBLIC FOR OVER A QUARTER CENTURY

G346 9¾ Li., Solid 14Kt Wh. Gold $150.00
Case, 17 Jewel Movement, Solid Gold
Raised Figure Dial. Leather Strap
Attached.

DELIVERED WITH BEAUTIFUL BOX
PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

G347 9¾ Li., Solid 18Kt Wh Gold $155.00
Case, 17 Jewel Movement, Solid Gold
Raised Figure Dial. Leather Strap
Attached.

THE WATCH OF PERFECTION

GLYCINE WATCHES

G348	6½ Ligne, White Rolled Gold Plate Case, 15 Jewel Movement	$40.00
G349	Same in Yellow	$40.00

ACCEPTED BY THE AMERICAN PUBLIC FOR A QUARTER CENTURY

G350	5½ Ligne, Solid 14Kt. White Gold Case, 15 Jewel Movement	$55.00
G351	Same in Yellow	$55.00

G352	5½ Ligne, Solid 14Kt. White Gold Case, 15 Jewel Movement	$55.00
G353	.....Same in Yellow	$55.00

Glycine Watches are made to stand the roughest usage and in our opinion will give the best of satisfaction. Years of experience has enabled the Glycine factory to combine with their movements the highest degree of beauty in case designs. The Slogan "THE WATCH OF PERFECTION" has been well earned and achieved

G354	5½ Ligne, Solid 14Kt White Gold Case, 15 Jewel Movement	$55.00
G355	Same in Yellow	$55.00

G356	4½ Ligne, Solid 14Kt White Gold Case, 17 Jewel Movement	$60.00
G357	Same in Yellow	$60.00

DELIVERED WITH BEAUTIFUL BOX

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

THE WATCH OF PERFECTION

POLISHED CAST HOLLOW WARE

GRISWOLD

IRON HANDLE SPIDERS

Cast Iron; Plain Finish Outside; Ground and Polished Inside.

Nos.	Diam. Top, ins.	Diam. Bot., ins.	Dpth., ins.	Wt. Ea., lbs.	Each
P3	6½	5¼	1¼	1²/₈	$0.75
P4	7	5¾	1½	2½	1.20
P5	8	6¾	1¾	3	1.35
P6	9⅛	7½	1⅝	3½	1.45
P7	9⅞	8¼	2	4	1.50
P8	10⅝	8⅞	2	4¾	1.55
P9	11⅝	9½	2	5¹/₈	2.00
P10	11¾	10	2⅛	5½	2.60
P11	12½	10⅞	2⅛	7	2.80
P12	13⅜	11¾	2¼	8	3.30

Four in a Carton

GRISWOLD

IRON HANDLE SPIDERS

With Self Basting Covers

Nos.	Diam. Top, ins.	Diameter Bottom, ins.	Depth, ins.	Weight Each, lbs.	Each
PC7	9⅞	8¼	2	7	$2.70
PC8	10⅝	8⅞	2	8¼	2.80
PC9	11⅜	9½	2	10¹/₈	3.50
PC10	11¾	10	2⅛	10¾	4.50

Loose

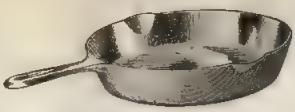
COVERS ONLY—For Iron Handle Spiders

Nos.	Diameter Top, ins.	Fits Spider, No.	Weight Each, lbs.	Each
EC7	9⅞	P7	3	$1.10
EC8	10⅝	P8	4	1.20
EC9	11⅜	P9	5	1.60
EC10	11¾	P10	5¼	2.00

Four in a Carton

POLISHED CAST HOLLOW WARE

GRISWOLD



CHROMIUM PLATED SKILLETS

Chromium Plated on Cast Iron Inside and Top of Handle; Highly Polished; Outside and Bottom Not Polished; No Seasoning Required; Will Not Discolor; Easy to Clean.

Nos.	Diam. Top, ins.	Diam Bot., ins.	Dept., ins.	Wt. Ea., lbs.	Each
CP3	6½	5¼	1¼	1½	$1 50
CP6	9⅛	7½	1⅞	3¼	2 70
CP7	9⅞	8¼	2	3¼	2 90
CP8	10⅝	8⅞	2	4½	2.90
CP9	11⅜	9½	2	5	3.10
CP10	11¾	10	2⅛	5¼	3.50

Four in a Carton

GRISWOLD

DEEP CHICKEN FRYERS

With Self Basting Dome Shaped Covers

Each

No. CF8—Diameter Top, 10⅛ inches; Diameter Bottom, 9 inches; Depth, 3 inches; Weight Each, 10 lbs..... $3.50

One in a Carton

GRISWOLD

DOUBLE STEAK BROILERS

A Dandy Item for Broiling Steaks and Chops; Use on Any Stove; Has High Dome Cover of Sheet Aluminum to Prevent Spattering.

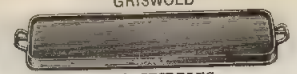
Each

No. 875—Diameter of Broiler, 12 inches; Weight Each, 8 lbs..... $3.00

Loose

POLISHED CAST HOLLOW WARE

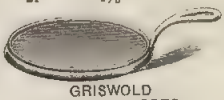
GRISWOLD



LONG GRIDDLES

Cast Iron; Plain Finish; Not Polished

Nos.	Lgth., ins.	Wdth., ins.	Wt. Ea., lbs	Each
PL7	16½	7¼	7	$1. 70
PL8	19	8½	8¹/₈	2.40
PL9	21	9⅝	11	3.10



GRISWOLD

ROUND GRIDDLES

Cast Iron; Plain Finish Outside and Inside

Nos.	Diameter Top, ins.	Weight Each, lbs.	Each
PR7	8	3½	$1.40
PR8	9½	3	1.50
PR9	10½	4¼	1.70

GRISWOLD

ERIE DUTCH OVENS—With Ball

Highly Polished Inside; Black Japanned Outside; Cast Iron Cover; With Trivets.

Nos.	Cap., qts.	Dia. Top, ins.	Dia. Bot., ins.	Depth, ins.	Wt., lbs.	Each
ED07	3½	9¼	8	3¾	8¹/₈	$4. 00
ED08	4½	10⅛	9	4	10	4 50
ED09	6	11¼	9¾	4¼	12½	5.30
ED010	8	12¼	10¾	4¼	15	6 40
ED011	12	13¼	11½	6	19	9 30

DUTCH OVENS

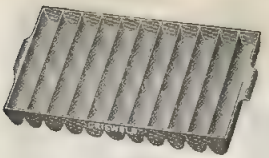
Good Grade of Cast Iron, Smooth-Ground Inside; Cast Iron Lid Tilting Handle; Heavy Steel Wire Bail

Nos.	Ont. Diam., ins.	Inside Depth, ins.	Cap., qts.	Wt., lbs.	Each
G8	10¼	4½	5	9½	$2.50
G10	11	4½	6½	11½	2 90
G12	12¼	4½	8	13½	3.30

All Above, Loose

BREAD PANS

GRISWOLD



BREAD STICKS

Cast Iron

Not Polished

11 Cells; Size, 14½x7½ inches; Size of Cells, 7⅛x1½ inches.

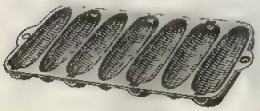
Per Dozen

No. G22—Net Weight per Dozen, 66 lbs. . . $13.00

Loose

CORN BREAD PANS

KRUSTY KORN KOBS



Cast Iron

Senior

7 Cells; Size, 13¾x6⅞ inches; Size of Cells, 6¾x1¾ inches.

Per Dozen

No. KKK—Net Weight per Dozen, 48 lbs. $15 50

Loose

Junior

Same as Above, Only Smaller; 7 Cells; Size, 5⅞x11⅝ inches; Size of Cells, 5⅝x1½ inches.

Per Dozen

No. KKK-Jr.—Net Weight per Dozen, 30 lbs. $12.80

Loose

CORN OR WHEAT STICK PANS

GRISWOLD CRISPY

Cast Iron

Not Polished

Size of Pan Over All, 13½x5¹⅛ inches; 7 Cells; Size of Cells, 5⅜x1½ inches; Fine for Corn Bread Sticks.

Per Dozen

No. 272—Shipping Weight per Dozen, 45 lbs. $12.00

Third Dozen in a Shipping Carton

GEM AND MUFFIN PANS

GRISWOLD

Cast Iron

Not Polished

Turk Head, For Fancy Muffins or Gem Cakes

Large Size

Size of Pans, 13½x8¾ inches; Size of Cake, 2⅝x1⅞ inch; Makes Twelve Cakes at One Time.

Per Dozen

No. 140—Net Weight per Dozen, 60 lbs. . $16.50

Loose

Small Size

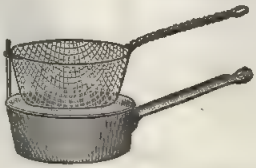
Size of Pans, 9⅝x5¾ inches; Size of Cakes, 2⅝x1⅞ inch; Makes Six Cakes at One Time.

Per Dozen

No. 130—Weight per Dozen, 35 lbs. $10.40

Loose

STEEL HOLLOW WARE



POTATO FRYERS

For Frying Potatoes, Oysters, Croquettes, Doughnuts, etc.; Made of One Piece of Sheet Steel, with Wire Draining Basket, Which is Raised When Draining.

Nos.	Style	Diameter, ins.	Depth, ins.	Net Weight Each, lbs.	Each
710	Regular	10	2¾	2	$2.90
810	Deep	10	4	2⅝	3 40

Loose

MORTARS AND PESTLES

BELL SHAPE

Plain Cast Iron

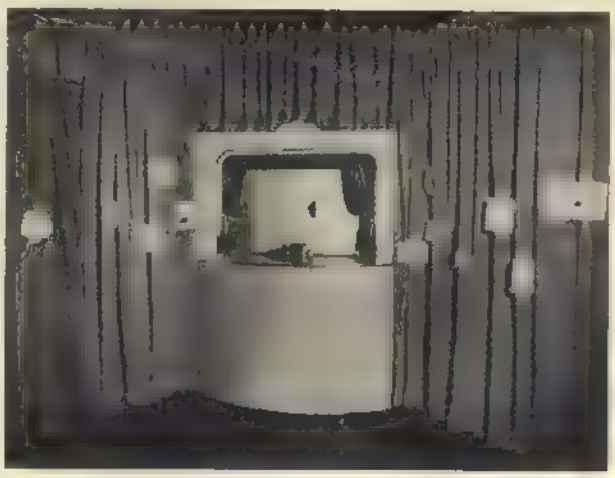
Nos.	Capacity, qts.	Diam ins.	Weight Each, lbs.	Each
3B	½	5	6	$2.10
5B	1	6	9	3.90
7B	2	8¾	19	6 40
8B	4	10	31	9 40

Loose

SHAPLEIGH'S POINTERS

Cast Iron Pans for Baking Corn Bread Have Never Been Equalled

Durable's Re-decorated Showroom



Uncle Sam's Miniature Movie Theatre

BUSY DAYS AT DURABLE TOY & NOV. CORP.

The past few weeks have been busy ones at the Durable Toy & Nov. Corp Under the able direction of this old established concern's new general manager, many new and important things have been accomplished that are of unusual interest. Durable's conveniently located showroom, room 404, in the Fifth Ave. Bldg. has been completely redesigned, redecorated and fitted with modernistic new fixtures, as will be seen from the accompanying illustration. The entire color scheme and general ensemble forms a most attractive and fitting background for the impressive assortment of new Durable items which will be shown for the first time during the Toy Fair. A particularly outstanding feature of the Durable showroom is the ingenious Uncle Sam's Miniature Movie Theatre, the idea of which was conceived by Mr. Tripp

A. Wayne Tripp

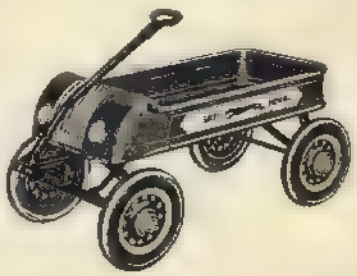
Definitely designed for the purpose of demonstrating the 1935 Uncle Sam's Movie Projector and Duratone Talkie System, it is sound proof, and makes the most attractive setting possible for the ideal projection of movies and talkies. Mr Tripp calls attention to the fact that this identical theatre, in every detail can be installed in toy departments. Duracolor Films for 1935 will include such nationally known characters as Scrappy, Pop Eye, Snitty, Dick Tracy, Clyde Beatty, Moon Mullins, Orphan Annie, etc. In their new Movie Tracer, Mr. Tripp feels they are presenting an innovation with remarkable possibilities. This clever device is a revolutionary tracing and copying method used in combination with the Projector. It teaches the child the principal action and animation and allows the copying of any and all characters in the regular list of Duracolor films plus specially designed films, combining a wide range of authentic, educational subjects. A new and unique line of games, featuring a Pop Eye series is very much in evidence in the enlarged 1935 Durable Line

TED PINSKER PLANS SEASON'S ACTIVITIES FOR WM. PINSKER & CO.

Ted Pinsker, the popular and efficient head of the Wm. Pinsker & Co., well known and growing toy wholesalers, is busy on many plans for the constructive expansion of this concern. He calls attention to the fact that their attractively appointed showroom is displaying a wide assortment of merchandise particularly suitable for spring and summer sale. Included are such items as rubber balls, sandpails and shovels, sailboats, new numbers in wheel goods, and beach toy specialties. Mr. Pinsker intends to cover the Toy Fair thoroughly and gather together every single new and important toy item that makes its appearance. During the month of July the Wm. Pinsker concern will hold "open house" during which time an especially elaborate display of toys for the coming fall and holiday season will be on display for the inspection of the growing list of Pinsker customers.

HAMILTON STEEL PRODUCTS GOES STREAM-LINE

The Hamilton Steel Products company of Chicago are featuring at the Toy Fair the recent additions to their "Greyhound" family of juvenile vehicles, that includes stream-line coaster wagons, velocipedes and scooters. Their toy fair exhibits will be found in rooms 841-843 of the Hotel McAlpin, with S. Ward Hamilton in personal charge



A "Greyhound" Coaster Wagon

THE PAUL CO. LOCATES AT 1140 BROADWAY

Samuel Paul, of The Paul Co., manufacturers' representatives announces that they are now nicely located in their new offices and showroom, 1140 Broadway. This progressive concern is acting as sales representative for Chessler masquerade costumes, Long Island masks and playsuits, Rosen & Jacoby costume wigs, Majic Pictures sets and Stocky fur animals

M. M. LEVY WITH PLAZA MFG. CO.

M. M. Levy, the popular toy salesman who has a wide following in the trade, has joined the selling force of the Plaza Mfg. Co. This concern, makers of juvenile phonographs, Playtime records, Little Tot record books, portable phonographs and needles, and the Art-O-Graph drawing device, are planning several interesting new numbers for 1935

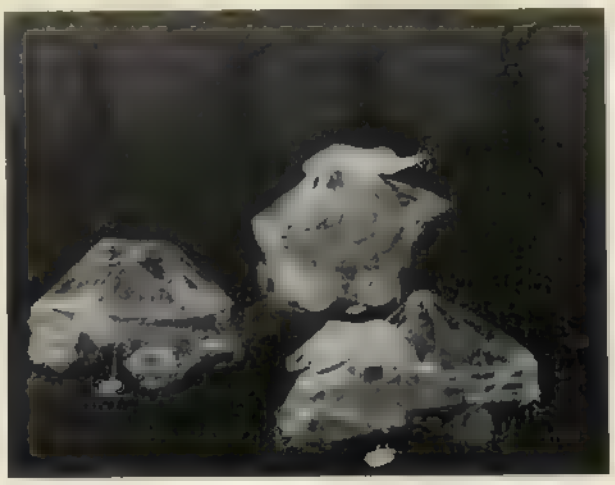
Bar Zim Nailing Table

BAR ZIM DEVELOPS A NEW MUSICAL TOY

In their new novelty piano, the Bar Zim Toy Mfg. Co. has culminated over three years of untiring effort in their definite policy to create something really new and better in the way of a scientifically designed musical toy. Although selling at a popular price this novelty piano is in reality an actual musical instrument and in every respect it can be said to be entirely different from anything that has yet appeared. It is so designed and constructed that it enables anybody, young or old, to play music that actually sounds like the best efforts of a professional musician. Real tunes with a tremelo tone effect can be played even by those unfortunate people who have always thought they had no ear for music. Patents for this new toy have been granted and others are pending. For the coming season this progressive concern has enlarged and augmented their popular and well known line of nailing sets and tables. Special effort has been made to produce the greatest possible values in attractive merchandise at popular prices For the convenience of Toy Fair visitors a special temporary Toy Fair exhibit of the Bar Zim line will be held in Room 559 of the Fifth Avenue Building, B. W Zimmerman in attendance, while of course the permanent display of Bar Zim products in Room 519, with the well known Jerry Hamburger in charge will be ready to greet all visitors during the Fair and all the year 'round.

UNEEDA DOLL CO. AT HOTEL McALPIN

The complete line of the Uneeda Doll Co., Inc., will be displayed in Rooms 416-418 at the Hotel McAlpin during the New York Toy Fair. Notable among the newcomers in this line is a new baby head for all size dolls and an entirely new line of composition and mama dolls, all dressed in new outstanding styles. B. Sklarsky and H. A Sussman will be on hand to greet visiting buyers



WYANDOTTE TOYS FOR EASTER

Shrewd merchandisers throughout the country have "stepped up" toy sales and profits to a remarkable degree during the Easter Season, by featuring various daintily wrapped Wyandotte Toys stuffed with candy eggs and bunnies The All Metal Products Company, Wyandotte, Michigan, who manufacture these attractive toys, produce them in an array of delicate pastel colorings especially for the Easter Holidays. These toys possess numerous appeals for children and grown-ups alike. Little boys and girls thrill at the sight of such tempting combinations which are produced by filling these toys with sweets and parents are quick to recognize the super value of a purchase that retains its play value long after the holiday has passed.

Mr. Labin and Family

GETTING INSPIRATION IN FLORIDA

Back from the sunny south Mr. Labin and family find it difficult to acclimate themselves to our weather but off-set this in anticipation of greeting their friends and buyers at the Toy Fair. Mr Labin states his visit afforded him sufficient time to accumulate new ideas which he has already incorporated in the line of the Buffalo Toy and Tool Works to be shown at the Fifth Avenue Bldg No doubt his window-type vision in the newest of wash-machines was originated from his deep-sea diving experience while in Florida. New Laundry-sets, wash-machine sets Bluebird Air flow and four new Cleanette Sets are a few of the new toys to be featured at room 419 Fifth Ave. Bldg

WATERBURY TOYS

The Waterbury Button Co., of Waterbury, Conn., is displaying an interesting line of mechanical toys and games at the showrooms of their representatives, Mullin & McKean, 1107 Broadway New York City. The display includes a number of new items, and visiting toy buyers are cordially invited to see these latest additions to the line. This company was organized in 1812. They originally manufactured military buttons, but now make plastic moldings, metal and military buttons, general sundries, games and toys. The Toy Division is in charge of Mr. George S. Scott, who has served in this capacity for the past two years. Mr. Scott states that this concern has also been manufacturing games and toys under contract for other manufacturers and distributors for almost fifty years.

"NEWARK" DOLL QUILTS AND PILLOWS

The Newark Quilt Co., Inc., of Newark N J., is displaying a full line of doll quilts and pillows at The Toy Center display room of Moseley & Abrahams, Room 307, 200 Fifth Avenue, New York City The quilts come in attractive pink and blue "Dobby" rayons, silks and satins, and are filled with sanitary, pure white Chinese cotton They measure 18 x 24 inches and are fancy stitched throughout. These attractive items are popular with the children for doll carriages, bassinets, cribs, etc and retail at popular prices.

ELECTRIC COFFEE MAKERS

Four distinctive styles in coffee makers made by a leading manufacturer in the electrical field. Smartly styled, combining beauty with utility they make excellent gifts. Can be used on either alternating or direct current unless otherwise noted and come equipped with a 6 foot silk cord

Prices Subject to Wholesale Discounts. See Page 2.

COFFEEMASTER AUTOMATIC PERCOLATOR

With this amazing new percolator, by simply turning the dial, you get exactly the strength of coffee desired. Ten different degrees of strength from very weak to black. You don't have to watch this percolator as it's fully automatic. Simply set the dial for the strength you want. Current shuts off automatically and light flashes on when coffee is ready. Then the auxiliary low heat unit turns on automatically to keep coffee hot. Beautifully designed with an embossed decoration. Made of highly polished aluminum. Black rubberized handle. Non-scratching rubber feet. Capacity 8 cups. Height 12 inches. 6 foot cord

DE6582 Coffeemaster Percolator **$3.00**

CHINA PERCOLATOR SET

This beautiful oven china percolator set has an attractive ivory finish and is hand decorated with a floral design in colors. Chip and crack proof. The metal fittings and tray are finished in gleaming non-tarnishing chromium plate

DE6583 Percolator Set, 4 pieces, as illustrated	$11.90
DE6584 Percolator only, capacity 7 cups, height 12 inches	11.70
DE6585 Sugar and Cream Set, height 4¾ inches	4.40
DE6586 Tray with cut out handles. Size 12½ x 20½ inches	6.60

VACUUM DRIP COFFEE MAKER

DE6587 ..... $7.30

The perfect vacuum coffee maker (cloth filter type) that makes coffee as expert coffee brewers say it should be made. Finest quality heat-proof glass bowl, beautiful hand design. Handsomely ribbed with lustrous striping. Graceful black bakelite handle. The filter is washable and easily removable. The patented anti-clog percolator filter disc prevents clogging and increases speed of coffee making. The stove is finished in durable non-tarnishing chromium plate and can be used for many other purposes. Capacity 6 cups. Height 8 inches. Length of base including handles 9¾ inches

VISULATOR COFFEE MAKER

The most unique achievement in coffee makers since the invention of the percolator. See the coffee made to any strength you desire. Gracefully designed in heat resisting panelled glass. Handle always remains cool. The Visulator is hand decorated with smart platinum stripings and a black and silver enameled seal, while the base is attractively finished in ebony and chromium. The beautiful black bakelite tray forms a smart contrast with the clear glass and the complete set presents a very chic ensemble

DE6588 Visulator Set, 4 pieces, as illustrated	$14.60
DE6589 Visulator only, capacity 8 cups, height 12 inches	9.40
DE6590 Sugar and Cream Set, height 3¾ inches	3.60
DE6591 Tray to match has cut out handles x 10 inches	4.70

Park-Timers, Pastor and Harvard Chronographs
For Sports, Races and Time Study Work

For efficiency, these timers and chronographs are indispensable. They are accurate and are tested before leaving the factory.

Pastor Stop Watch. Nickel finish. Unbreakable crystal. Sweep hand starts, stops, flies back under control of side pin. Shows seconds and fifths of seconds. Stop attachment independent of watch movement. The most serviceable stop watch on the market.

No. 3W1. Each..... 5.65

Park Timer. Nickel plated case, one fifth-second, thirty-minute register, start, stop and fly back, operated from crown. Seven jewel lever movement. A most popular timer used extensively by sportsmen and other technical people for various experiments or in the form of competition to which accurate timing is indispensable.

No. 3W6. Each..... 9.85

Park Timer, 1/10th second, 15 minute register. Start, stop and fly back, operated from crown. 7 jewel lever movement, nickel plated case, a very accurate timer. Used in track meets, where time is essential.

No. 3W7. Each..... 11.25

Park Timer, 1/5th second, 30 minute register, fly back from crown, side slide for starting and stopping. Seven jewel lever movement, nickel plated case, suitable for football, basketball and other sporting events. A very dependable timer.

No. 3W8. Each..... 10.75

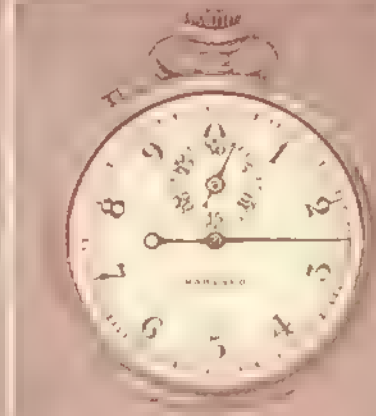
Harvard Chronograph, with minute register. Serves the double purpose of a dependable timepiece together with timer. Nickel plated case with reliable 7 jewel lever movement. Fifth-second and minute register, start, stop and fly back from crown. A popular watch for sportsmen, technical people, and any others who want a dependable timepiece combined with an accurate timer.

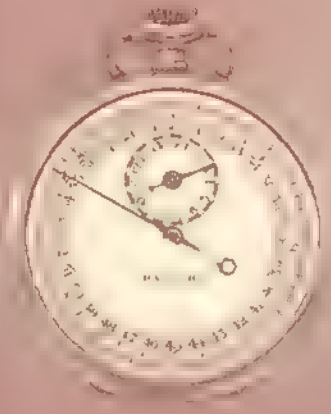
No. 3W9. Each..... 21.00

Park Split-Second Timer. Fifth-second, thirty-minute register, start, stop, and fly back operated from crown. Side button for the split-second hand. Seven jewel lever movement is soundly constructed throughout, and is of the best quality. Nickel plated case. Accurate recording is assured.

No. 3W10. Each..... 21.00

HARVARD TIMERS





NATIONALLY SOLD
CORRECT TIME

IMPERIAL

FOR ACCURACY

TIMED AND CASED IN NEW YORK

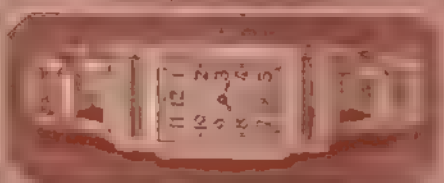
FORMERLY ELAINE-GOERING

QUALITY GUARANTEED
LEADERS IN STYLE

All watches illustrated 2/3 of actual size

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

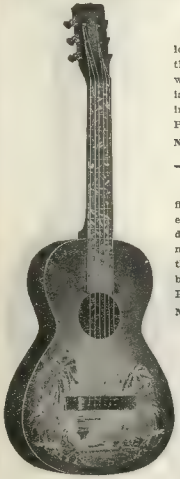
A3448 — $24.00



EACH WATCH DELIVERED IN HANDSOME GIFT BOX

THE WORLD WATCH OF THE WORLD

Popular Priced Guitars



3A197

Hawaiian Guitar. To fill the demand for a low-priced guitar in the Hawaiian spirit, this is the model. Birchwood body in shaded walnut lacquer finish with attractive Hawaiian decoration in colors. Fingerboard finished in two-color imitation pearlette crystaline. Packed each in box.

No. 3A197. Each..... 5.00

Halekala Hawaiian Guitar. Entire body finished in a rich blue, shaded with gold and edged with red. Decorated with colorful decalcomania depicting a Hawaiian scene in natural colors. Hardwood construction throughout. Lustrous white pearlette fingerboard, an appealing and effective instrument. Packed each in box.

No. 3A60. Each..... 5.50

3A60

Guitar. A splendid value in a modern decorated guitar. Hardwood throughout, in a beautiful two-tone brown and amber shaded finish, with decorative ring around soundhole and attractive modernistic decalcomania on front. Well shaped neck with accurately fretted ebonized fingerboard. Good quality patent heads, bridge, and strings. Packed each in box.

No. 3A198.
Each..... 4.25

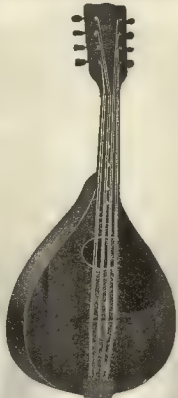
Concert size guitar. The season's best seller. Richly finished in two-tone mahogany color. Top arched in violin style, giving improved tone. Edges striped in white. Improved tailpiece. Packed each in box.

No. 3A199.
Each..... 6.25

Mandolins and Guitars of Quality

Lute Mandolins—A well made minimum priced lute mandolin. Body is made of birch, substantially constructed with swelled front. Hardwood neck with ebonized fingerboard. Stained in dark red mahogany, nicely shaded with beautifully designed decalcomania guard plate. Packed each in box.

No. 3A10.
Each 3.75

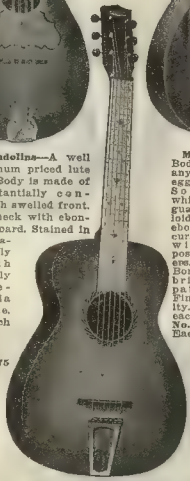


Mahogany Mandolins—Body of high grade mahogany, in a pleasing brown egg-shell lacquer finish. Soundhole bound with white celluloid. Raised guardplate of black celluloid. Hardwood neck with ebonized fingerboard, accurately fretted with 3 inlaid position markers. Bone nut. Bone saddle bridge. Brass patent heads. Fine tone quality. Packed each in box.

No. 3A20.
Each 5.50

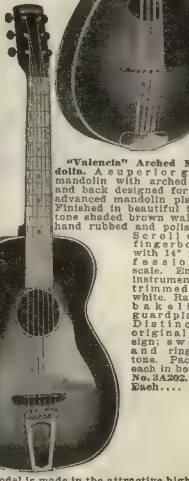
"Valencia" Arched Mandolin. A superior grade mandolin with arched top and back designed for the advanced mandolin player. Finished in beautiful two-tone shaded brown walnut, hand rubbed and polished. Scroll and fingerboard with 14" professional scale. Entire instrument is trimmed in white. Raised bakelite guardplate. Distinctly original design; sweet and ringing tone. Packed each in box.

No. 3A202.
Each.... 7.50



A Low Priced Guitar of Appealing Appearance. Dark walnut brown at sides and edges, contrasting strongly with the amber brown center. Silver-like crystaline fingerboard finished with modern stencilled position markers. Two color ornamental ring at soundhole. Vertical patent heads. New trapeze type tailpiece.

No. 3A170. Each..... 3.75



Guitar. This model is made in the attractive highly contrasting mahogany finish, with top edge striped in white and wide white band outlined in black around soundhole. Finished very dark brown at the edges, shaded to a light orange in the center of front and back with white lacquer stencilled guardplate on front. Headpiece of new shield shape with vertically mounted patent heads. Fingerboard finished in silver-like crystaline, with position markers. Nickel plated ornamental trapeze tailpiece.

No. 3A166. Each..... 4.50

Hall Clocks for Your Home or Office

These fine hall clocks are guaranteed to be of the finest workmanship and material. The solid mahogany American made cases are hand rubbed and finished in antique brown mahogany. The movements are the finest importations.

The Westminster movements strike the quarter hours on four rods and hour on the fifth. The hour and half hour movements strike a deep melodious tone on a perfectly tuned spiral gong.

HALL CLOCK

Solid mahogany case. Height, 79 inches; width, 17 inches; depth, 11 inches. Gilt dial, 12½x12½ inches. Eight-day imported German movement. Musical hour and half-hour strike on gong. Chain wind weight construction.

245 F01. Each $96.60

Above can be furnished with full Westminster chime weight movement having splendid tone. Also chain wind weight construction.

245 F02. Each $146.00

These are but a few models that we carry in stock. For further illustrations please write.

We are sorry we cannot guarantee prices

HALL CLOCK

Solid mahogany case. Height, 80 inches; width, 21½ inches; depth, 13 inches. Gilt dial, 12½x12½ inches. Eight-day imported German movement. Musical hour and half-hour strike on gong. Chain wind weight movement.

245 F03. Each ... $102.90

Above can be furnished with full Westminster chime weight movement, having splendid tone. Also chain wind weight construction.

245 F04. Each $153.30

HALL CHIME

Solid mahogany case. Height, 70 inches; width, 14 inches; depth, 9 inches. Bronze dial 12½x9½ inches. Eight-day full Westminster quarter-hour chime, strike on 5 rods. Imported movement.

245 F05. Each $120.40

HALL CHIME

Solid mahogany or walnut. Height, 79½ inches; width, 24 inches; depth, 16½ inches. Pierced dial with raised gold finished numerals. Three-train movement of finest quality, striking full Westminster, Whittington and St. Johns quarter hour chime on nine tubes, 1½ inches diameter.

245 F06. Each $588.00

Same as above. Movement having an additional fourth chime, playing a very musical Christmas carol.

245 F07. Each $682.00

For an everlasting gift may we suggest one of these fine models. At slight additional cost we can supply plate to put on clock with fitting inscription for the occasion.

Prices Subject to Regular Discount

All clocks shipped F. O. B. our warehouse Chicago.

INGRAHAM

ESTABLISHED 1824

OVER A CENTURY OF PROGRESS IN THE MANUFACTURE OF DEPENDABLE TIMEPIECES

Hour and half hour strike
Self starting INGRAHAM electric movement for 50 and 60 cycle A. C.
4½" ornamented tu-toned silvered metal dial with visual signal.
7½" wide—10½" high
Fine selected figured walnut case.
246 F01. Each **$20.00**

Hour and half-hour strike;
Self starting INGRAHAM electric movement for 50 and 60 cycle A. C.
4½" ornamented tu-toned silvered metal dial with visual signal;
6½" wide—9¼" high;
Fine selected figured walnut case.
246 F02. Each **$15.50**

Height 11", Width 9½". Gold plated hinged sash. Silver plated mat. 5½" silver plated raised numeral dial. Body and sides of case made from selected mahogany with the grain matched in front. Top fitted with mahogany hood and side rails. Hand-some carved base with satin wood brackets. Case richly finished in rubbed lacquer.
246 F03. Each **$13.50**

Hour and half-hour strike,
Self starting INGRAHAM electric movement for 50 and 60 cycle A. C.
4½" ornamented tu-toned silvered metal dial with visual signal;
16" long—7" high;
Genuine mahogany hand-rubbed finish.
Fancy inlaid front
246 F04. Each **$15.00**

Case of selected, beautifully grained mahogany, with burl walnut inlay, Mahogany base, and carved scalloped moulding. This eight-day clock is 20 inches long by 9¼ inches high. Strikes the hour on two chime rods and half hour on single chime rod
246 F05. Each **$12.50**

YANKEE CLIPPER
8-day hour and half hour duplex two rod strike
30" overall height—9¼" wide
Solid Brass side arms, brassed eagle and sash
6" silvered metal dial with raised gold finished numerals.
Genuine mahogany, decorated throat with glass framed colored ship scene over lower panel
246 F06. Each **$20.00**

Electric Clocks Furnished in 50 and 60 Cycle 100-125 Volt A. C. Current Only

HIGH GRADE SMOKING STANDS

Splendid practical gifts or prizes attractively finished. Each number represents excellent value.

Prices Subject to Wholesale Discounts. *See Page 2.*

DL4236 "Fumeless" Smoking Stand $8.00

This unique new smoking stand has two cigar rests by pressing the plunger the bottom of tray divides and ashes drop into removable metal bowl of large capacity. Modern in design, attractively finished. Height 26 inches. Beautifully polished chrome, black base.

DL4237 Smoking Stand . . $12.00

Fine quality English brass finish. Removable glass dish 6 inch diameter with ivory pipe rest on side of tray diameter 7¼ inches Height 25⅛ inches. Splendid value.

DL4238 Smoking Stand . . . $7.00

Good quality Van Dyke bronze. Removable glass dish, 5 inch diameter Top diameter 7¼ inches. Height 24 inches Special value.

DL4239 Smoking Stand Set. . $35.00

Fine quality antique bronze, beautifully finished Large tray, diameter 14 inches, holds ash tray pipe rest, cigarette box, match box and tobacco jar. Extreme height 24 inches A splendid wedding gift

DL4230 Smoking Stand $8.00

Beautiful mahogany finish, hand rubbed smoking stand Height 29½ inches Shelf 12 inches in diameter Marriotted glass ash tray Special value

DL4231 Adjustable Smoking Stand... $3.00

Effective polished chromium and black enamel combination. Upper half of tube telescopes into lower half making it possible to set the stand at different heights Tray arrangement won't permit cigarettes to smoulder and smoke. Easily cleaned Height adjustable from 16½ to 25½ inches

DL4232 Smoking Stand . $10.50

Beautiful mahogany finish hand rubbed smoking stand Height 24 inches Shelf 12 inches in diameter Useful cigarette drawer, marbleized glass ash tray

*SHAPLEIGH'S DIAMOND BRAND TRADE MARK REG. IN THE U. S. PAT. OFFICE "QUALITY COUNTS"

FISHING ROADS

* Hinduvine

SHAPLEIGH'S DIAMOND EDGE TRADE MARK REG. IN U. S. PAT. OFFICE

*SHAPLEIGH'S DIAMOND BRAND TRADE MARK REG. IN THE U. S. PAT. OFFICE "QUALITY COUNTS"

HINDUVINE DERIVES ITS NAME FROM A FIBROUS CANE WHICH HAS THE STRONGEST, TOUGHEST AND AT THE SAME TIME THE MOST ELASTIC FIBER EVER PUT INTO A FISHING ROD.

The Fibers are Extremely Hard and Possess the Suppleness of Whalebone, Great Care is Taken in Splitting so as Not to Make any Traverse Cut which Would Destroy the Elasticity and Weaken the Rod; Each Joint is Made of Six Strips, Cemented together in the Same Manner as a Split Bamboo Rod; Each Section is Tested and Must be Absolutely Perfect. **FOR STRENGTH, TOUGHNESS AND PLIABILITY, HINDUVINE CANNOT BE EXCELLED.** Actual Tests have Proven Hinduvine Rods to Possess Several Times the Tensile Strength of Ordinary Bamboo Rods.

SHAPLEIGH'S

*HINDUVINE

"ARISTOCRAT"

FLY RODS

Finest Quality
Hand Made
Light Weight

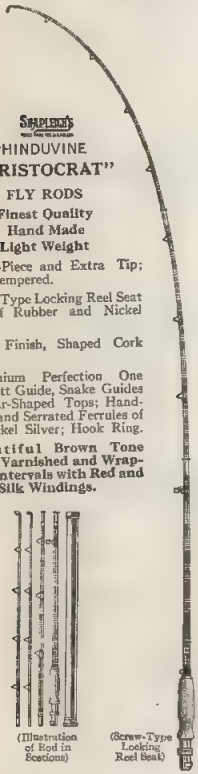
Three-Piece and Extra Tip; Flame Tempered.

Screw Type Locking Reel Seat Made of Rubber and Nickel Silver.

Satin Finish, Shaped Cork Grip.

Chromium Perfection One Ring Butt Guide, Snake Guides and Pear-Shaped Tops; Hand-Welted and Serrated Ferrules of 18% Nickel Silver; Hook Ring.

Beautiful Brown Tone Finish, Varnished and Wrapped at Intervals with Red and Yellow Silk Windings.



(Illustration of Rod in Sections) (Screw-Type Locking Reel Seat)

Nos.	Length, ft.	Approx. Wt. Ea., ozs.	Per Dozen
HF57	8½	5¼	$530.00
HF57	9	5¾	530.00
HF57	9½	6¼	530.00

Twelfth Dozen in Poplin Partitioned Bag, Enclosed in Black Alumalite Screw Cap Water-Tight Case; Weight per Dozen, About 15 lbs.

SHAPLEIGH'S

*HINDUVINE

"GUNNISON"

FLY RODS

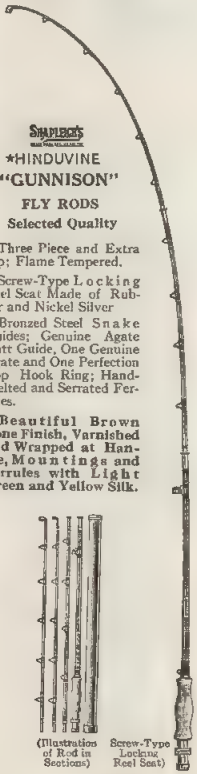
Selected Quality

Three Piece and Extra Tip; Flame Tempered.

Screw-Type Locking Reel Seat Made of Rubber and Nickel Silver

Bronzed Steel Snake Guides; Genuine Agate Butt Guide, One Genuine Agate and One Perfection Top Hook Ring; Hand-Welted and Serrated Ferrules.

Beautiful Brown Tone Finish, Varnished and Wrapped at Handle, Mountings and Ferrules with Light Green and Yellow Silk.



(Illustration of Rod in Sections) Screw-Type Locking Reel Seat)

Nos.	Length, ft.	Approx. Wt. Ea., ozs.	Per Dozen
HF56	8½	5¼	$480.00
HF56	9	5¾	480.00
HF56	9½	6¼	480.00

Twelfth Dozen in a Partitioned Canvas Bag, Enclosed in Bayonet Cap Aluminum Case; Weight per Dozen, About 15 lbs.

SHAPLEIGH'S

*HINDUVINE

"CLASSIC"

High Grade
FLY RODS

Three-Piece and Extra Tip; Flame Tempered.

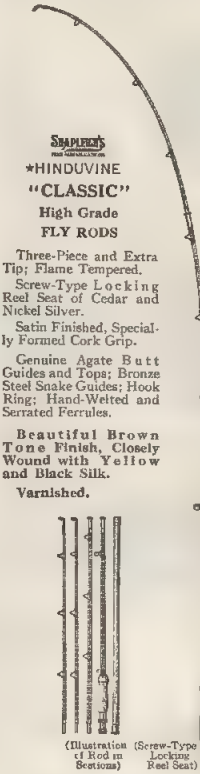
Screw-Type Locking Reel Seat of Cedar and Nickel Silver.

Satin Finished, Specially Formed Cork Grip.

Genuine Agate Butt Guides and Tops; Bronze Steel Snake Guides; Hook Ring; Hand-Welted and Serrated Ferrules.

Beautiful Brown Tone Finish, Closely Wound with Yellow and Black Silk.

Varnished.



(Illustration of Rod in Sections) (Screw-Type Locking Reel Seat)

Nos.	Length, ft.	Approx. Wt. Ea., ozs.	Per Dozen
HF54	8½	5¼	$400.00
HF54	9	5¾	400.00
HF54	9½	6¼	400.00

Twelfth Dozen in Partitioned Canvas Bag in Bayonet Cap Aluminum Case; Weight per Dozen, About 15 lbs.

★SHAPLEIGH'S DIAMOND BRAND TRADE MARK REG. IN THE U. S. PAT. OFFICE "QUALITY COUNTS"

FISHING RODS

★ Hinduvine

★SHAPLEIGH'S DIAMOND BRAND TRADE MARK REG. IN THE U. S. PAT. OFFICE "QUALITY COUNTS"

HINDUVINE DERIVES ITS NAME FROM A FIBROUS CANE WHICH HAS THE STRONGEST, TOUGHEST AND AT THE SAME TIME THE MOST ELASTIC FIBER EVER PUT INTO A FISHING ROD

The Fibers are Extremely Hard and Possess the Suppleness of Whalebone; Great Care is Taken in Splitting so as Not to Make any Traverse Cut which Would Destroy the Elasticity and Weaken the Rod; Each Joint is made of Six Strips, Cemented together in the Same Manner as a Split Bamboo Rod, Each Section is Tested and Must be Absolutely Perfect. **FOR STRENGTH, TOUGHNESS AND PLIABILITY, HINDUVINE CANNOT BE EXCELLED.** Actual Tests have Proven Hinduvine Rods to Possess Several Times the Tensile Strength of Ordinary Bamboo Rods.

SHAPLEIGH'S

★HINDUVINE

"TROUTER"

HIGH GRADE FLY RODS

Three-Piece and Extra Tip; Flame Tempered;

Screw Type Locking Reel Seat of Cedar and Nickel Silver, Bronze Finish;

Shaped, Satin Finished Solid Cork Grip;

Agatine Butt Guide and Tops; Bronze Steel Snake Guides; Hook Ring; Rolled Welt, Serrated Ferrules of Nickel Silver, Bronze Finish; Hook Ring;

Light Brown Tone Finish with Clustered Windings of Orange, Black and Red Silk;

Varnished.

(Illustration of Rod in Sections)

Nos.	Lgth., ft.	Approx. Wt. Ea., ozs.	Per Dozen
HF53/8½	8½	5¼	$288 00
HF53/9	9	5¼	288.00
HF53/9½	9½	6¼	288.00

Twelfth Dozen Packed in a Partitioned Canvas Bag, in Bayonet Cap Aluminum Rod Case; Weight per Dozen, About 15 lbs.

SHAPLEIGH'S

★HINDUVINE

"CHIEFTAIN"

FLY RODS

Three-Piece and Extra Tip; Flame Tempered;

Nickel Silver, Waterproof Reel Seat;

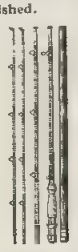
Solid Cork Grip, Satin Finished;

Chromium Plated Hardened Steel One Ring Butt Guide;

Perfection Tops, and Chromium Plated Snake Guides; Nickel Silver Rolled Welt and Serrated Ferrules; Hook Ring;

Rich Brown Tone Finish; Nicely Wrapped with Purple and Yellow Silk;

Varnished.



(Illustration of Rod in Sections)

Nos.	Lgth , ft.	Approx. Wt. Ea., ozs.	Per Dozen
HF52/8½	8½	5¼	$264.00
HF52/9	9	6¼	264.00
HF52/9½	9½	6¾	264.00

Twelfth Dozen Packed in a Partitioned Canvas Bag; Aluminum Tip Case; Weight per Dozen, About 14 lbs.

SHAPLEIGH'S

★HINDUVINE

"FLYER"

FLY RODS

Three-Piece and Extra Tip; Flame Tempered;

Solid Cork Grip;

Nickel Silver Waterproof Reel Seat;

Bronzed Steel Snake Guides with Hardened Steel Butt Guide; Two Hardened Steel, Pear Shaped Tops; Hook Ring;

Nickel Silver Rolled Welt Serrated Ferrules;

Dark Brown Tone Finish, Wrapped at Intervals with Red and Black Silk;

Varnished.

(Illustration of Rod in Sections)

Nos.	Lgth., ft.	Approx. Wt. Ea., ozs.	Per Dozen
HF51/8½	8½	5¼	$198 00
HF51/9	9	5¼	198 00
HF51/9½	9½	6¼	198 00

Twelfth Dozen Packed in a Partitioned Canvas Bag; Wood Tip Form; Weight per Dozen, About 10 lbs.

SHAPLEIGH'S

★HINDUVINE

"WARRIOR"

FLY RODS

Three-Piece and Extra Tip; Flame Tempered;

Shaped Solid Cork Grip;

Cedar and Nickel Plated Reel Seat with Rolled Welt Band;

Bronzed Steel Snake Guides with Agatine Butt Guide and One Agatine Top; Other Top is Hardened Steel; Pear Shape; Nickel Plated Improved Ferrules; Hook Ring;

Brown Tone Finish and Closely Wrapped with Yellow and Purple Silk;

Varnished.

(Illustration of Rod in Sections)

Nos.	Lgth., ft.	Approx. Wt. Ea., ozs.	Per Dozen
HF50/8½	8½	5¼	$160.00
HF50/9	9	6	160 00
HF50/9½	9½	6¼	160.00

Twelfth Dozen Packed in a Partitioned Canvas Bag; Wood Tip Form; Weight per Dozen, About 10 lbs.

SHAPLEIGH'S DIAMOND BRAND TRADE MARK REG. IN THE U. S. PAT. OFFICE "QUALITY COUNTS"

FISHING RODS

*DIAMOND BRAND FISHING RODS ARE KNOWN EVERYWHERE FOR THEIR PRINCIPAL FEATURES—

QUALITY IN CONSTRUCTION, FINISH AND APPEARANCE—EXCLUSIVE IDEAS IN MANUFACTURE —ALSO, FOR SERVICE AND RESULTS

SHAPLEIGH'S DIAMOND BRAND TRADE MARK REG. IN THE U. S. PAT. OFFICE "QUALITY COUNTS"

SPLIT BAMBOO FLY RODS

LUCKY SEVEN

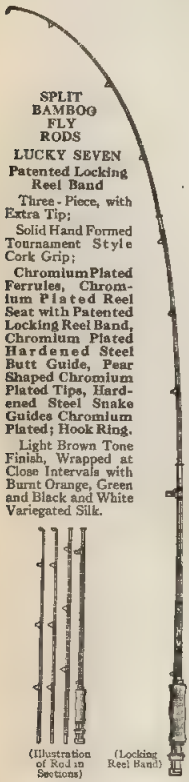
Patented Locking Reel Band

Three-Piece, with Extra Tip;

Solid Hand Formed Tournament Style Cork Grip;

Chromium Plated Ferrules, Chromium Plated Reel Seat with Patented Locking Reel Band, Chromium Plated Hardened Steel Butt Guide, Pear Shaped Chromium Plated Tips, Hardened Steel Snake Guides Chromium Plated; Hook Ring.

Light Brown Tone Finish, Wrapped at Close Intervals with Burnt Orange, Green and Black and White Variegated Silk.



(Illustration of Rod in Sections) (Locking Reel Band)

Nos.	Length, ft.	Approx. Wt. Ea., ozs.	Per Dozen
SF47/8½	8½	5½	$132.00
SF47/9	9	6	132 00
SF47/9½	9½	6½	132.00

Twelfth Dozen in a Canvas Partitioned Bag; Wood Tip Form; Weight per Dozen, 10½ lbs.

HOLLIT BAMBOO FLY RODS

Patented Locking Reel Band

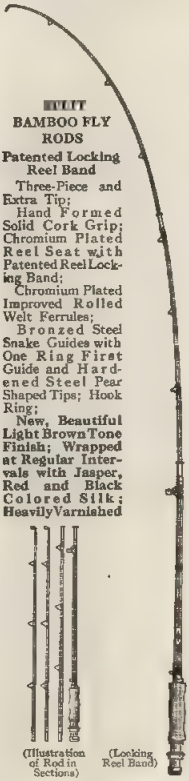
Three-Piece and Extra Tip;

Hand Formed Solid Cork Grip; Chromium Plated Reel Seat with Patented Reel Locking Band;

Chromium Plated Improved Rolled Welt Ferrules;

Bronzed Steel Snake Guides with One Ring First Guide and Hardened Steel Pear Shaped Tips; Hook Ring;

New, Beautiful Light Brown Tone Finish; Wrapped at Regular Intervals with Jasper, Red and Black Colored Silk; Heavily Varnished



(Illustration of Rod in Sections) (Locking Reel Band)

Nos.	Length, ft.	Approx. Wt. Ea., ozs.	Per Dozen
SF48/8½	8½	5½	$108.00
SF48/9	9	6	108.00
SF48/9½	9½	6½	108.00

Twelfth Dozen in a Partitioned Canvas Bag; Wood Tip Form; Weight per Dozen, 10½ lbs.

SPLIT BAMBOO FLY RODS

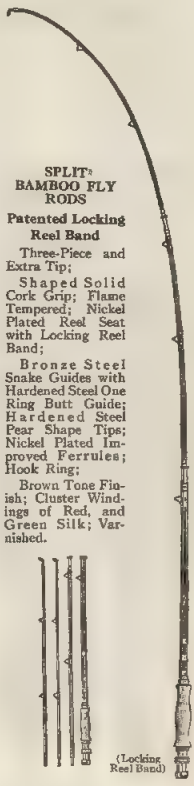
Patented Locking Reel Band

Three-Piece and Extra Tip;

Shaped Solid Cork Grip; Flame Tempered; Nickel Plated Reel Seat with Locking Reel Band;

Bronze Steel Snake Guides with Hardened Steel One Ring Butt Guide; Hardened Steel Pear Shape Tips; Nickel Plated Improved Ferrules; Hook Ring;

Brown Tone Finish; Cluster Windings of Red, and Green Silk; Varnished.



(Illustration of Rod in Sections) (Locking Reel Band)

Nos.	Length, ft.	Approx. Wt. Each, ozs.	Per Dozen
SF45/8½	8½	5½	$102 00
SF45/9	9	6	102 00
SF45/9½	9½	6½	102 00

Twelfth Dozen in a Partitioned Cloth Bag; Weight per Dozen, About 6 lbs.

No. L-0375

Tree—Dodo, 15 inch, steel fork.
Horn—Leather covered
Front—11 inch, swell.
Seat—Full, seat and jockey in one piece.
Cantle—Leather bound.

Skirts—12x24 inches, felt lined.
Stirrup Leathers—2½ inch to lace.
Cinchas—20 strand cotton.
Long Latigos—1½ inch, to tie.
Short Latigos—1½ inch, to buckle.

Ship from factory in St. Paul.
Enter orders on separate sheet.

	Each
No. L-0375—Riding Saddles	**$55.00**

No. L-0555.

Tree—Dodo, 15 inch, steel fork.
Horn—Leather covered.
Front—12 inch, swell.
Seat—Full, seat and jockey in one piece.
Cantle—Leather covered.

Skirts—12x27 inches, felt lined.
Stirrup Leathers—3 inch to lace.
Cinchas—20 strand cotton.
Long Latigos—1½ inch, to tie.
Short Latigos—1¾ inch, to buckle.

	Each
No. L-0555—Riding Saddles	**$65.00**

No. L-0155

Tree—Redwing, 15 inch, swell front, hide covered
Horn—Nickel
Front—13 inch, swell, rawhide bound.
Seat—Full, seat and jockey in one piece.
Cantle—White rawhide bound.

Cinchas—20 strand white cotton Texas, with tongues.
Skirts—12½x26 ins., wool lined.
Stirrup Leathers—3 inch.
Stirrups—Bantz, XC.
Latigos, Short—1¾ inch.
Latigos, Long—1½ inch.
Weight—About 29 lbs.

Ship from factory in St. Paul.
Enter orders on separate sheet.

	Each
No. L-0155—Riding Saddles	**$90.00**

BOYS'.

Ship from factory in St. Paul. Enter orders on separate sheet.

	Each
No. L-0127—Riding Saddles; Morgan tree; full seat; large fenders; wood stirrups; web cinchas; embossed border	$25.00

Tree—La Junta, 14 in., steel fork
Horn—Leather covered.
Front—Leather covered.
Seat—Full, seat and jockey in one piece.
Cantle—Roll.
Skirts—11½x22 ins., felt lined.
Cinchas—20 strand white cotton Texas.
Stirrup Leathers—1¾ inch.
Stirrups—2 inch block.
Latigos, Short—1½ inch.
Latigos, Long—1¼ inch.
Stamping—Raised stamped front and fenders, wheeled border.
Weight—About 16 pounds.

Ship from factory in St. Paul. Enter orders on separate sheet.

	Each
No. L-0585—Riding Saddles	$42.00

Tree—13½ inch solid fork.
Horn—Leather covered.
Seat—Full leather
Cantle—Tacked.
Cinchas—3 inch, white web.
Stirrup Leathers—1⅜ inch, to buckle.
Stirrups—Hooded.
Latigos—1 inch.
Weight—About 11 lbs.

Ship from factory in St. Paul. Enter orders on separate sheet.

	Each
No. L-0195—Riding Saddles	$28.00

LEATHER CUFFS.

Hand stamped basket border, russet leather, with buttons.

	Per Pair
No. L-13-7—Leather Cuffs; length, 7 inches	$2.50
No. L-14—Leather Cuffs; length, 7 inches; 5 inch diameter at large end to slip over coat sleeve	2.90

Hotpoint Quality Table Appliances

Oxford Chromium Percolator. New and attractive design. Dripless spout. Calrod heating element. Valveless pump. Separate cover with black Calmoid lifting handle. Capacity 6 cups. Equipped with protective safety fuse and 6 foot, art silk cord.

No. 17G57. Each..... 5.07

Kenwood (Gas Model) Coffee Maker. Bowls are genuine Pyrex glass, guaranteed against breakage from heat. Lower bowl equipped with cool, black Calmoid lifting handle. Large mouth on lower bowl to permit easy cleaning. Metal parts chromium plated. New type china drainer. Capacity 6 cups.

No. 17G2. Each..... 2.52

Bristol Percolator. Paneled glass top and ebonized handle. Finished in polished chromeplate. Six foot, art silk, detachable cord set. Equipped with protection safety fuse. Capacity six cups.

No. 17G35. Each..... 4.43

Mayfair 8 Cup Coffee Maker. Genuine Pyrex glass bowls guaranteed against breakage from heat. Lower bowl distinctly marked for exact measurements. All metal parts finished in Butler Chromeplate. Metal cover included which may be inverted to hold upper bowl after coffee is prepared. Complete with Bestle-ware coffee measure.

No. 17G1. ..... 4.10

Dorchester, De Luxe Coffee Maker. Special exclusive design insures quick cooling and keeps water in contact with ground coffee for just the proper length of time. Finished in chromeplate. Six foot cord set with "on" and "off" switch.

No. 17G61
(6 cups). Each... 6.34

No. 17G62
(8 cups). Each... 6.98

Extra 5% discount allowed on Orders for six or more Assorted Hotpoint Electric Appliances.

Dorchester Coffee Maker Set. Consists of standard Dorchester 8-cup model, 8 attractive Heisey glasses and a chromeplated tray with black Calmoid handles. Stove has black Calmoid lifting handles.

No. 17G63. Each..... 11.12

Lorraine Percolator Set. All pieces finished in chromeplate. Drop side handles of urn, as well as handles on tray and knob on sugar bowl are blue Calmoid. Urn has dripless faucet and is 9 cup capacity. Six foot cord, with rubber attachment plug and miniature appliance plug.

No. 17G36. Complete set. Per set..... 12.70

GASKET CEMENT

★SHAPLEIGH'S RUGBY
(REGISTERED)

Liquid Shellac Compound, a High Quality Shellac Compound; Drying Qualities Unexcelled; Made Especially for Cementing Gaskets, Bike Tires and Grips.

Per Dozen

No. 2—2 oz. Bottle with Swab; Weight per Dozen, 5 lbs. $1.80
One Dozen in a Display Carton

INDIAN HEAD

Made of High Quality Gasket Shellac Compound; Drying Qualities are Unexcelled; Can Also be Used for Cementing Tires, Grips and all Cementing Purposes on Bicycles, Motorcycles and Automobiles.

Per Dozen

No. IH2—2-oz. Bottles, with Swab; Weight per Dozen, 5 lbs. $1.80
One Dozen in a Carton

No. IHP—Pint Cans; Weight per Dozen, 17 lbs. 3.40
Two Dozen in a Case

No. IHQ—Quart Cans; Weight per Dozen, 31 lbs. 15.00
One Dozen in a Case

No. IHG—Gallon Cans; Weight per Dozen, 112 lbs. 48.00
Half Dozen in a Case

NU-BACK

For Gaskets, Rims, Grips, Carburetor Floats, etc.; Dries Quickly and is Ready for Use.

Pure Gum and Alcohol — No Benzine.

Nos.	Size	Wt. per Doz., lbs.	Doz. in Case	Per Doz.	
S½	2 oz. Bottle	4	1	$1.80	2.40
S½	½ pt. Can	10½	1	7.20	5.40
S1	1 pt. Can	14	1	12.00	9.00
S2	1 qt. Can	27	1	20.00	15.00

Each

No. S5—One-Gallon Cans; Weight Each, 10 lbs. $5.80 4.00

Six in a Case

OIL OUTFITS

HUFFMAN

THE FLASH

The Flash Empties in Half the Time Required by Next Fastest Bottles We Know Of. Bottle Hand Fitting; Spout of Extra Heavy Stock; Will Not Trap Oil; Seamless Copper Vent Tube. Tray Made of Heavy Gauge Steel.

Per Set

No. 30HO—Flash Bottle Set (8 Bottles in Basket); Weight per Set 20 lbs. $9.00

One Set in a Carton

EXTRA PARTS FOR OIL OUTFITS

Glass Bottles

Per Dozen

No. HGB—Weight per Dozen, 23 lbs. $2.20
One Dozen in a Carton

Steel Wire Baskets

Each

No. HWB Weight Each, 7 lbs. $3.20
One in a Carton

Flash Spouts

Per Dozen

No. HFS—Weight per Dozen, 4 lbs. $6.00

One Dozen in a Box

THE STURDY

Delivery Speed Equal to Any Except the "Flash"; a Sturdily Built, Practical Set.

Per Set

No. 30HO—Sturdy Bottle Set (8 Bottles in Basket); Weight per Set, 20 lbs. $7.70

One Set in a Carton

EXTRA PARTS FOR OIL OUTFITS

Sturdy Metal Spouts

Per Dozen

No. HSS—Weight per Dozen, 4 lbs. $3.30

One Dozen in a Box

Note—Bottles and Wire Basket Are the Same as Used with "Flash" Outfit.

DISPENSER

FOR CANNED OIL

HUFFMAN SEALDOYL

1. Opens Cans Easier; Can is Inserted in Dispenser, and Pushed Down on Opener Blade.
2. Easily Inserted Rigid Spout on Ground Swivel Joint Swings Into Any Intake—Instantly.
3. Thumb-Control Valve Prevents Delivery of Oil Until Attendant has Spout Definitely in Intake; the Hard-to-get-at Cans are Made Easy-to-Service.
4. Flow Can be Shut Off or Regulated, if Need be, where Intake Does not Admit Oil Fast Enough.
5. Eliminates All Spilling and Mess at Car or on Station; Upright Position of Dispenser with Spout Raised when not in Use Leaves no Chance for Dripping.
6. It Drains Alone; the Self-Drain Spout, Recent Innovation of Huffman, Makes Possible the Complete Draining of Dispenser without Attention of Attendant.

Ruggedly Constructed of Durable Materials—Heavy Lead-Coated Steel, Heavily Coppered Finished in Copper Bronze; **and Priced to Get Volume Business;** Major Oil Companies have Already Recognized its Superiority with Quantity Orders; it will Solve Your Sealed Oil-Dispensing Problems.

For 1-Quart Cans

Each

No. 76—Dispenser for No. 2½ 1-Quart Cans; Weight Each, 3¾ lbs. $6.6

One in a Carton

For 5-Quart Cans

Each

No. 77—Dispenser for Standard 5-Quart Cans; Weight Each, 7 lbs. $9

One in a Carton

SHIRLEY TEMPLE DOLLS and OUTFITS

"Hitch your doll department to a star"

- A smashing success!
- Biggest selling doll in history.
- Publicized more than any other doll ever made.
- Every Shirley Temple talkie is a Shirley Temple Doll promotion.

An entire special showroom has been devoted exclusively to a magnificent display of Shirley Temple Dolls, outfits, and merchandising ideas.

See them and also many Ideal surprises including entirely new line of all-rubber dolls, baby dolls and mama wig dolls.

TOY FAIR ROOMS 414 AND 416 FIFTH AVENUE BUILDING

NRA WE DO OUR PART

Ideal NOVELTY AND TOY CO.

Pacific Coast Representative:
K. L. Stedman, 718 Mission St., San Francisco

WE MOVED: Address all mail and packages to new factory and general offices—43rd Avenue at 23rd Street, Long Island City, New York

When writing to Ideal Novelty and Toy Co., will you please mention PLAYTHINGS?

If you'll leave it up to the kiddies, you'll be as eager to put in a line of

THANHAUSER CHRISTMAS STOCKINGS

as we are to have you do so. Why? Because our stockings are chock-full of the kind of toys the kiddies want—such as skipping rope and bathroom furniture for the girls—pencil sharpener and toy pistol for the boys, as well as lots of other well-made sturdy playthings to delight and satisfy the youngsters.

You'll win new customers and keep old ones with Thanhauser Christmas Stockings.

Visit Our

TOY FAIR DISPLAY

ROOM 870 HOTEL McALPIN

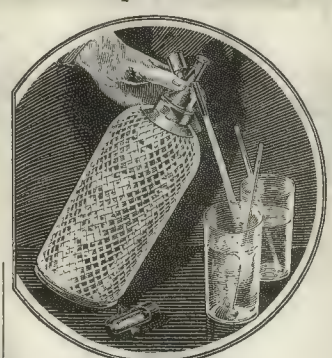
J. THANHAUSER, Representing

S. THANHAUSER

131 Market St. Philadelphia

Aids To Hospitable Entertaining

Cocktail Shaker. Made of heavy gauge aluminum. Breast and cap fit snugly to prevent contents from leaking. Recessed straining screen eliminates clogging and permits easier pouring. Capacity, 2½ pints.
No. 23G3.
Per dozen 6.00
Each ..... .55



Sparkling Carbonated Water or Beverages.

Cocktail Shaker. Capacity one qt. Highly polished aluminum, equipped with separate strainer and ice breaker. Recipe book included.
No. 23G1.
Per dozen 8.75
Each ..... .75

New 1935 Improved Sparklet Syphon. Just imagine! A Syphon that instantly converts ordinary drinking water into bubbly, zippy soda water—the kind that blends perfectly with whiskey brandy, gin, grape juice, coca-cola, lemonade and fruit juices. Just fill the Syphon with water direct from the tap, insert a Sparklet bulb—and presto! you have a full quart of sparkling Club Soda. No longer is it necessary to buy expensive charged water—make it yourself in a jiffy. Full directions with every Syphon. The new Model "D" Sparklet Syphon shown above is made of hand-blown glass enmeshed in a bright wire basket. Top is chromium plated. Five refill sparklet bulbs with each syphon. For home, office, or club
No. 66G45. Each ..... 3.50 In lots of 3, each... ..... 3.35
No. 66G46. Extra Refill Bulb, packed 10 in package. Per package ..... .50

Articles Needed in the Mixing of Beverages

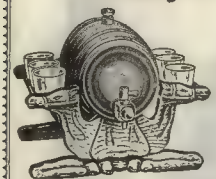
Cocktail Shaker. Chromium plated, highly polished. Capacity 1½ quarts, non-leak top, screw cap. Total height 10½ inches.
No. 24G5. Each.... 1.35

Cocktail Shaker. Bright chromium finish. Large opening at top for ice. Non-tip base. Cap on spout. Capacity 1½ quarts. Height 11⅛ inches.
No. 15G9. Each... 2.25

Silver Plate 3-Piece Beverage Mixing Set. Jigger, Corkscrew, Bottle Opener and Spoon.
No. 31G9. Per set . 1.00

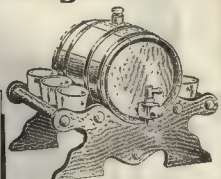
Silver Plated. Length, 9¾ inches. A (Four-in-one) Mixing Kit. Jigger, Corkscrew, Bottle Opener and Spoon. Each piece fitting into the other, it cannot easily be misplaced.
No. 31G10. Each... 1.45

Novelty Liquor or Beverage Sets



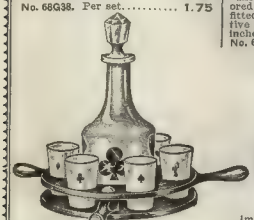
Set in furnished with genuine oak keg, waxed inside, and holding about 3 pints. Carved effect stand bears camel design. Set is finished in walnut and hoops on keg are in polished copper. The 6 glasses are 1½ oz. size. Dimensions 11x5½x5¾ inches.
No. 68G38. Per set..... 1.75

Book Form Liquor Set. Consists of 6 bottles in book with embossed title "Interior Decoration" highly colored cover, gilt edges. Inside is fitted with four glasses and decorative glass cask. Case 9½x6½x2½ inches.
No. 68G40. Each..... .75



Genuine Oak Keg Set. Keg and stand are in walnut color. Hoops are coppered. Keg holds about three pints and is waxed inside. Wood faucet is cork lined. Set is furnished with 6 glasses of 1½ oz. capacity. Dimensions 11 x 5½ x 9 inches.
No. 68G23. Per set..... 1.65

Stoneware Keg Set. Keg is made of stoneware, otherwise same as above.
No. 68G10. Per set..... .85



Quart Size Decanter and Six 3 oz. Tumblers. Decanter is decorated with amusing characters in black and red, while each glass bears a different decoration. Tray is 3-ply veneer gum wood and is finished in a high lustre walnut. Diameter of tray overall is 16 inches.
No. 68G34. Per set..... 1.35

Imported Colored Glass Barrel Wine Set. Made of frosted colored glass and decorated with four silver color bands, with faucet to match. Six individual glasses. Height 7 inches, one pint capacity. Assorted pink, green and blue colors.
No. 66G43. Per set..... .85

Black Liquor Set. Furnished with barrel and stand in ebony black finish. Hoops and faucet are in a bright chrome finish, capacity 3 pints, six 1½ oz. glasses. The appearance and effect presented by this combination is very striking.
No. 68G31. Per set..... 2.35

Hour Glass Beverage Set. Furnished in a rich walnut color. Six 1½ oz. rose tinted tumblers. Hoops and faucet are finished in a bright plated copper. Keg is charred inside and made of solid oak. 3 pint capacity. Dimensions 9x9x11.
No. 68G33. Per set..... 2.65

Beverage Set. 3 pint oak keg, charred inside and finished in ebony black and all metal parts in bright chrome plate. Glasses are fitted in a rotating disc. Diameter of base is 10 inches and height of set overall is 11 inches.
No. 68G32. Per set..... 3.90

Tantalus Set. Bottles each hold 1/5th gallon, mounted in ply-wood stand, walnut color. Bottles have ball stoppers with padlock and hasp arrangement. 16 in. high overall.
No. 68G37. Per set..... 1.00

HOCKEY GLOVES.

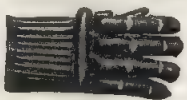
FORWARD'S.

For defense or forward play. Made of cream horsehide leather; gauntlet cuff reinforced with fibre strips, ventilated palm, rolled padding on fingers, thumb and around wrist.

Per Pair

No. S-5C1—Hockey Gloves..... **$10.50**

Front.



Back.

Per Pair

No. S-3HG—Hockey Gloves; made of black leather with diamond inserts on the knuckles; fingers heavily padded; horsehide palm; gauntlet reinforced with reeds; roll wrist protection extends around the glove to protect wrist..... **$22.00**

LEG GUARDS.

FORWARD'S.

No. S-9L.

Per Pair

No. S-9L—Leg Guards; regular players' guard; made of black leather; padded cane ribs; padded over ankles; leather straps with nickeled buckles..... **$6.00**

No. S-9C—Leg Guards; same style as No. 9L, but made of khaki canvas..... **3.50**

No. S-FR—Leg Guards; made of heavy felt covered white leather over skin and reinforced with reeds; shaped felt knee; worn under stockings..... **$4.90**

No. S-FR.

GOAL TENDER'S.

No. S-FG.

Per Pair

No. S-FG—Leg Guards; large size, for goal keeper's use; made of white canvas, padded ribs moulded fibre knee caps, lined with gray pad felt, leather reinforcement..... **$9.80**

No. S-BH—Leg Guards; made of tough white leather with heavily padded cane strips over legs; very heavily rolled knee pads; extension wing pads protect calf and shin; thigh pads well padded; ankle pads give complete protection..... **$24.96**

No. S-BH.

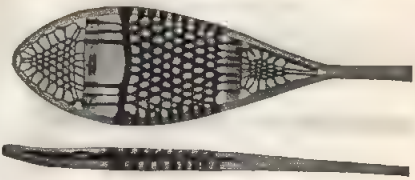
BODY PROTECTORS.

Each

No. S-S5—Body Protectors; made of khaki duck with roll padding, leather bound edge; elastic neck and waist straps affords thorough protection..**$8.40**

SNOW SHOES.

SOMETHING BETTER THAN REGULAR GOODS.

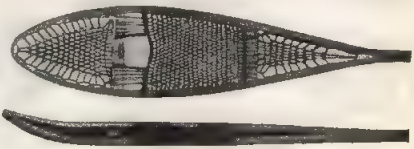


These snow shoes are made of the very best quality of white ash butts. This wood combines lightness, toughness of fibre and just the right spring to a remarkable degree. The filling is made of selected cowhide. It is strong and will not stretch or sag in soft snow or slush. Models are very graceful, 3-inch turn at toe, and give satisfaction under most trying conditions. Varnished finish.

Per Pair

No. S-22—Snow Shoes; 12x42 inches; approx. weight per pair, 5 lbs..... **$12.50**

No. S-25—Snow Shoes; 14x46 inches; approx. weight per pair, 6 lbs..... **14.00**



This shoe is known as the Alaska Trapper's shoe, with long 8-inch curve at the toe and hand made bows. This shoe is extensively used in Alaska by hunters and trappers and also by power line patrols. It has a very finely woven mesh. Varnish finish.

Per Pair

No. S-29—Snow Shoes; 12x60 inches; approx. weight per pair, 6 lbs..... **$17.00**

SNOW SHOE HARNESS.

Per Pair

No. S-H—Snowshoe Harness; Tubbs new harness for snowshoes which gives perfect control over the movement of the shoes at all times. Made of good quality leather..... **$2.40**

INDIAN MOCCASINS.

For snowshoeing, tobogganing, camping and canoeing. They are easy to the feet and are durable. We stock moccasins made of the best skin. Those of common skins are worthless, getting hard and stiff when wet.

Per Pair

No. S-71—Moccasins; youths and girls; with 8½-inch tops; sizes, 12 to 2..... **$4.30**

No. S-70—Moccasins; boys; 9-inch tops; sizes, 3 to 6..... **5.60**

No. S-12—Moccasins; mens; 10-inch tops; sizes, 7 to 12... **7.80**

SKIS.

THE MOST PERFECT AND SATISFACTORY SKI MADE.

All Skis Have Rubber Treads.

Made from selected Southern yellow pine. Only thoroughly seasoned straight grained lumber is used. Every ski is carefully inspected after every operation and when finished is as near perfect as it can be made. Due to the nature of their use, however, skis are not guaranteed against warping or breaking.

PINE.

Grooved, with rubber treads.

	Length, Feet	Weight Pair, Lbs.	Per Pair
No. S8-P40—Skis	4	3	$1.20
No. S8-P50—Skis	5	4	1.80
No. S8-P60—Skis	6	4½	2.80
No. S8-P70—Skis	7	6	3.50
No. S8-P75—Skis	7½	6½	3.80
No. S8-P80—Skis	8	8	4.10

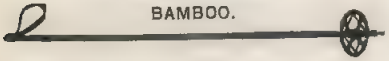
MAPLE.

The finest selected stock, finished with beautiful walnut stain, complete with leather straps and corrugated rubber foot pads.

	Length, Feet	Weight Pair, Lbs.	Per Pair
No. S8-M50—Skis	5	6	$2.40
No. S8-M60—Skis	6	7	4.80
No. S8-M70—Skis	7	8	6.40
No. S8-M75—Skis	7½	9	6.90
No. S8-M80—Skis	8	11	7.60

SKI POLES.

BAMBOO.



These poles are very substantially made, fitted with full bottom ferrule ice peg, patent aluminum cup shaped flexible snow washer fastened to pole with rawhide webbing.

Each

No. S8-2—Ski Poles; bamboo; length, 4½ feet..... $1.30

SKI WAX.

A celebrated Norwegian formula, rubbed on the under surface of the ski and guarantees smooth and easy running, preventing snow freezing on the ski or sticking, under any and all conditions.

Per Dozen

No. S-150—Ski Wax..... $3.40

SKI HARNESS.

Strongest and most satisfactory. The heavy side braces give a rigid and perfect control of the ski at all times. Adjustable to fit any foot from the smallest to the largest.

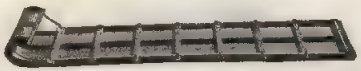
Per Pair

No. S-A — Ski Harness; complete with straps... $3.50

Weight per pair, 1 lb.

TOBOGGANS.

BIRCH.



Selected straight grained birch with hickory cross cleats. Three runners are stained a dark mahogany color, others are natural color of the wood. Carefully shellaced and varnished. A heavy white cotton rope runs along the edges.

Each

No. S8-B4—Toboggans; 4 feet long; weight, 12 lbs..... $7.60
No. S8-B5—Toboggans; 5 feet long; weight, 15 lbs..... 8.20
No. S8-B6—Toboggans; 6 feet long; weight, 18 lbs..... 9.50
No. S8-B7—Toboggans; 7 feet long; weight, 20 lbs..... 11.60
No. S8-B8—Toboggans; 8 feet long; weight, 23 lbs..... 12.60
No. S8-B10—Toboggans; 10 feet long; weight, 27 lbs..... 15.80

Above prices do not include cushions.

HICKORY.

Made of hickory. Three runners are stained a dark mahogany color, others finished in natural wood, carefully shellaced and varnished. The middle and two outside runners are thicker than the other four. This adds greatly to the strength of the toboggan, increases the speed and also makes it a great deal easier to steer in the snow. Long graceful bend which enables it to take a bump without a jar and run easy in deep snow.

Each

No. S8-5—Toboggans; 5 feet long; weight, 12 lbs..... $9.20
No. S8-6—Toboggans; 6 feet long; weight, 15 lbs..... 10.70
No. S8-7—Toboggans; 7 feet long; weight, 18 lbs..... 12.50
No. S8-8—Toboggans; 8 feet long; weight, 21 lbs..... 14.40
No. S8-10—Toboggans; 10 feet long; weight, 27 lbs..... 18.00

Above prices do not include cushions.

TOBOGGAN CUSHIONS.

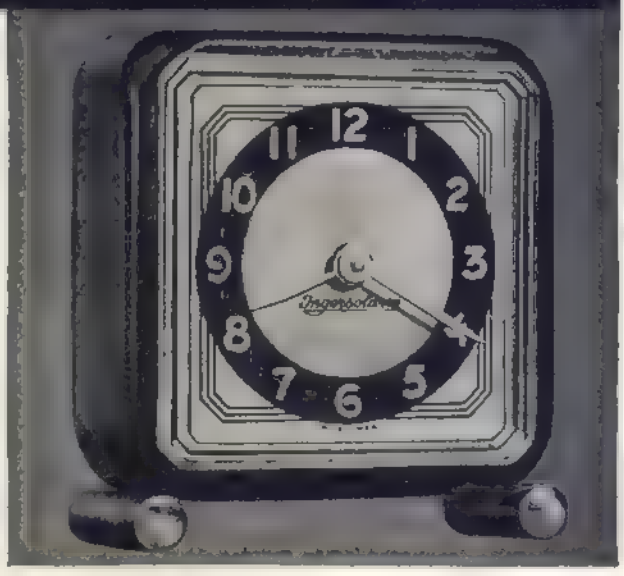
Made of heavy ticking, neatly and securely tufted on top and bottom and strongly sewed around the entire ends and sides. Tapes along sides and at each corner for fastening to toboggan.

Tob'gn. Cushions	Each	Wgt., Lbs.	Lgth., Ft.	Tob'gn. Cushions	Each	Lgth., Ft.	Wgt., Lbs.
S-TC3	$2.10	2½	3	S-TC6	$3.80	6	5
S-TC4	2.70	3½	4	S-TC7	4.30	7	6
S-TC5	3.20	4	5	S-TC9	5.40	9	8

Note—In ordering always order cushion 1 foot shorter than toboggan with which it is to be used.

INGERSOLL ALARMS

wake up your Clock Business



● **DOLLAR ALARM:** Unusual in beauty. Unusual in price. Unusual in selling appeal. It bears the Ingersoll name. Cream-and-pale blue dial with strong black numerals; case in non-tarnishing chrome finish with black trim; new saddle-type pedestal. Retails at $1. List price, $1.60.

● **INGERSOLARM:** Gives the customer utmost value and beauty in an alarm clock; gives you excellent volume and profit margin. Black-and-chrome finish case; metalized dial with new white hands. Packed in beautiful red-and-silver cartons that make splendid displays. Retails at $1.50. List price, $2.20.

● **SUNRISE:** The de luxe clock of the alarm clock field. Beautiful in design; excellent in workmanship. Has signal button that shows when the alarm is set. Black-and-chromium case; cream dial with silvered center; black hands. Also comes in cream case. Comes in a beautiful self-display stand case. Retails at $2. List price, $2.90.

● **MICKEY MOUSE ALARM:** Everybody loves it—including grown-ups. Mickey's own hands tell the time—and Mickey's head wags in time with the clock-tick. The carton is covered with Walt Disney's own Mickey Mouse drawings. One of the most successful alarm clocks ever marketed . . . one that you will make big profits on. Retails at $1.50. List price, $2.20.

MOORE & EVANS ——— ESTABLISHED 1880

Clocks For Home and Office

SCALLOP

Here is a new kitchen clock lovely designed and beautifully decorated in the highly popular scallop effect. Supplied green on ivory with matching bezel. Available with guaranteed Ingraham electric movement. Known for quality and satisfaction. Packed individually—weight 2¾ lbs. each. Size 7½ inches—(5 inch dial)

251 F01. Each **$4.00**

Office Wall Clock. Furnished in Mahogany or Oak finish. 13½ inches square, 12 inch dial. Manual starting Electric time movement, 60 cycle a. c. current only Sessions movement

251 F02. Each **$11.00**

MODERN

This smart and lustrous kitchen clock is finished beautifully in green or in ivory with sparkling chromium bezel and a rich two-tone silvered track dial that enhances its beauty and lends the modern touch that is its name. A truly handsome clock and one that will find itself properly placed in any home. Size: 7½ inches—(5 inch diameter). Colors: Green, Ivory. Available in 8-day Ingraham guaranteed movements

251 F03. Each **$4.00**

NATAL

Eight-Day marine movement. Height 27". Width 8½". Polished brass sash 5½" silver plated raised numeral dial. Throat finished in striped mahogany with attractive stencil design. Movement by Ingraham

251 F04. Each **$9.50**

THE GABLE

EIGHT DAY alarm clock. Both time and alarm run eight days with one winding. The Ingraham movement is a high grade clock mechanism, an excellent timekeeper, and one giving entire satisfaction. Quiet in operation. Black lacquer finish, nickel plated bezel, inside bell, stem shut off. Height 5½ inches, width 4½ inches.

251 F05. Each **$3.80**

Banjo Clock made by Sessions. Mahogany finish case, 22 inches long, 7 inches wide. 5 inch metal dial with raised numerals. Manual starting electric movement.

251 F06. Each **$8.80**

A modern new square alarm on an attractive pedestal base. 30-hour concealed bell movement Convex glass, pierced hands and modern new dial. Lacquered enamel finish in black with contrasting nickel plated pedestal and bezel or brown lacquer with contrasting copper plated bezel and pedestal. Movement by Ingraham.

251 F07. Each **$2.40**

Pedestal alarm A modern 30-hour concealed bell alarm with convex glass, pierced hands and patented stem shut off alarm switch. Lacquered enamel case in black with contrasting nickel plated trim. Movement by Ingraham.

251 F08. Each **$2.00**

GASOLINE POWER LAWN MOWERS

JACOBSEN

SIMPLEX

For Residence Lawns, Cemeteries, Public Schools, Parks, Golf Courses, and for Mowing Bunkers and Sides of Sand Traps Where the Ordinary Heavy Power will not Negotiate; Thoroughly Reliable, Yet Light Enough to Handle Easily Around Shrubbery and In-and-Out-of Corners; Heavy Enough to Give Stability and Strength; Has a "Power Turn," Enabling it to Turn on its Own Wheelbase Under Power.

The Motor is Dependable and Powerful Enough to Climb Terraces and Cut Through Thick Grass.

Many of the Features are Exclusive with This Mower, and Many Others are Found Only on the Higher Priced Power Mowers.

Two-Cycle Constant Speed Motor; Bevel Gear Differential; Safety Clutch, Eliminating the Possibility of Breakage of the Reel, Gears, and Even the Motor Parts; Taper Roller Bearings; Chrome Vanadium Heat Treated Bedknife and Reel Blades; Smooth Operating, Single Dry Plate Clutch; Zirk Force Feed Lubrication; Adjustable Cutting Heights for All Conditions; Handle Locks at Desirable Position or is Self-Adjusting; Cutting Width, 20 inches.

Each

✣No. JS20—Net Weight Each, 195 lbs. $330.00

One in a Crate

GRASS CATCHER

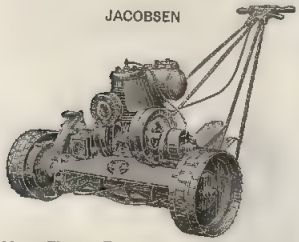
For Simplex Mower

Each

✣No. GCS20—Weight Each, 6 lbs. $9.30

Loose

JACOBSEN



FOUR ACRE HEAVY DUTY

Special Built 1¼ H. P. Motor with 2¾ inch Bore and 2½ inch Stroke; 900 R. P. M. at 3½ Miles per Hour of Mower Travel; Consumes About 1 Gallon of Gasoline a Day; Fan Blades in Fly Wheels Force a Continuous Draft of Cool Air Over the Motor Providing an Effective Cooling System. Waterproof High Tension Magneto; Motor Fires on Every Stroke as Spark is Constant.

Carburetor is of the Float Type Keeping the Gasoline at a Constant Level; Hardened and Ground Gasoline Needle Valve Adjusts the Flow.

Cylinder and Piston are of Gray Iron, Accurately Ground.

Transmission Gears and Clutches are Enclosed in an Oil Tight Housing and Run in a Bath of Oil; Gears are Machine Cut.

Traction and Reel Clutches are Embodied in the Transmission Gears and are of Standard Cone-Type Design with Metal to Asbestos Contact Surfaces.

Traction Wheels and the Cutting Unit are Both Driven Direct from the Motor with Separate Clutches to Control the Power on Each Unit Independent of the Other; a Separate Control Lever at the Steering Handle Enables the Operator to Engage or Disengage the Reel Clutch so that it is Not Necessary to Revolve the Cutting Unit Except While Cutting.

Reel Has 4 Blades of Finest Steel.

Timken Adjustable Bearings are Used in the Reel to Assure Extra Long Life; Wear Can be Taken Up by Tightening an Adjusting Nut Provided for This Purpose.

Special Reverse Gears to Sharpen Cutting Unit; the Entire Cutting Unit May be Quickly Sharpened by Revolving the Knives in Reverse Under Power and Applying a Grinding Compound.

Cutting Width, 24 inches.

Each

✣No. HD4A—With Iron Wheels; Weight Each, 200 lbs. $581.00

✣No. HD4AR—With Rubber Wheels; Cutting Width, 24 inches; Weight Each, 200 lbs. 607.00

One in a Crate

GASOLINE POWER LAWN MOWERS

JACOBSEN ESTATE

ROLLER MOWER

Especially Designed for Fine Close Cutting, Combined with Feature of Rolling While Mowing.

Special Built 1¼ H. P. Motor with 2¾ inch Bore and 2½ inch Stroke; 900 R. P. M. at 3½ Miles per Hour of Mower Travel; Consumes About 1 Gallon of Gasoline per Day.

Fan Blades in Motor Drive Wheels Provide an Effective Cooling System.

Waterproof High Tension, American Bosch Magneto.

Carburetor is of the Float Type, Keeping the Gasoline at a Constant Level.

Cylinder and Piston are of Gray Iron, Accurately Ground.

Transmission Gears and Clutches are Enclosed in an Oil Tight Housing and Run in a Bath of Oil; The Differential Gears are Located Between Two Sections of the Rear Rollers and Protected from Sand and Dirt with a Sheet Metal Dust Guard; The Gears are Packed with Hard Grease.

Traction and Reel Clutches are Embodied in the Transmission Gears and are of Standard Cone-Type Design with Metal to Asbestos Contact Surfaces.

Traction Wheels and the Cutting Unit are Both Driven Direct from the Motor with Separate Clutches to Control the Power on Each Unit Independent of the Other. A Separate Control Lever at the Steering Handle Enables the Operator to Engage or Disengage the Reel Clutch so That it is not Necessary to Revolve the Cutting Unit Except When Cutting.

Reel has Six Blades of Finest Chrome Vanadium Steel.

Timken Adjustable Ball Bearings are Used in the Reel; Wear Can be Taken Up by Tightening an Adjusting Nut Provided for This Purpose.

Special Reverse Gears to Sharpen Cutting Unit; Entire Cutting Unit May be Quickly Sharpened by Revolving the Reel in Reverse Under Own Power and Applying a Grinding Compound.

Each

✣No. ERM24—Width of Cut, 24 inches; Weight Each, 300 lbs. $610 00

✣No. ERM30—Width of Cut, 30 inches; Weight Each, 345 lbs. 681.00

One in a Crate

JACOBSEN

PUTTING GREEN MOWER

Produces Finest Cut on the Most Irregular Bent Grass Green.

All Castings are of a Special Grade of Aluminum, Having Great Tensile Strength, Yet Extremely Light.

Motor—Jacobsen Four Cycle, 2½ inch Bore; 2½ inch Stroke; Air-Cooled, Crankcase Splash and Pump Lubrication; Quick-Action Fly-Wheel Magneto.

Transmission—Gear Driven, Cut Steel Gears Completely Enclosed in Oil Tight Housing; All Gears Mounted on Hyatt and Bower Roller Bearings.

A Bevel Gear Differential Between the Rear Rollers Provides Easy Turning and Handling of Mower, Preventing Injury to Turf.

Cutting Unit—Reel has Seven Blades and is Mounted on Bower Roller Bearings; Bed Knife is of Crucible Steel; The Cutting Height is Quickly Adjustable from ⅛ inch to ¾ inch; The Mower is Thus Readily Adjusted to Travel from Green to Green Under Power; The Reel May be Idled When Not Cutting; Complete with Grass Catchers.

Jacobsen Patent Brush Attachment for Brushing Greens and Brushing in the Top Dressing and the Power Transport for Transporting Mower from Green to Green are Furnished as Extra Equipment.

Each

✣No. PG19—Width of Cut, 19 inches; Weight Each, 200 lbs. $559.00

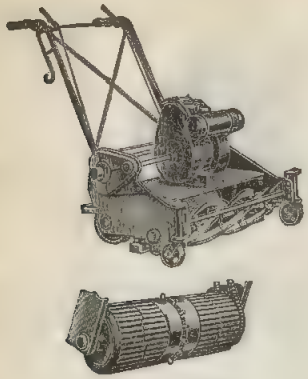
✣No. PG24—Width of Cut, 24 inches; Weight Each, 221 lbs. 630.30

One in a Crate

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, Racine, Wisc.,

GASOLINE POWER LAWN MOWERS

COOPER



(Cut Shows Roller)

Made in Two Popular Sizes to Meet Every Lawn Mowing Requirement; 20 inch Cutting Width is Ideal for Lawns Up to Three or Four Acres; 27 inch Cutting Width is Recommended for Large Estates, Parks, Cemeteries, Campus or Industrial Sites, etc.

Powered with Briggs and Stratton, 2¼ inch Bore and 2¼ inch Stroke, 4 Cycle Gasoline Engine with Balanced Crank Shaft.

Power is Transmitted Through Cut Steel Gears to a Main Power Shaft Upon Which Two Friction Clutches are Installed with Control Levers Handily Located Near the Operator's Hand Grips; Cone Type Clutch.

The Right Hand Clutch is Directly Connected by Heavy Roller Chain with Corrugated Roller Which Drives the Mower Over the Ground.

Roller is Mounted on Heavy Roller Bearings and is Made of Strong Gray Iron Sections with Differential Action Which Permits Each Section to Turn Independently of the Other, Making the Mower Easy to Maneuver and Turn Without Tearing the Turf; the Center Section of the Roller is Equipped with Disappearing Traction Lugs Which Can be Brought into Use as Desired to Provide the Extra Pulling Power often Necessary in Mowing Inclines; Independent Operation of the Roller Permits the Mower to Propel Itself from One Location to Another if Desired Without Operating the Cutting Reel.

Left Hand Clutch Provides Independent Operation of the Five Blade Reel; Grease Packed Gears in a Dust Tight Case Provide Two Power Take-Offs for the Interchangeable Sprockets and Roller Chain Drive; the Lower Take Off Drives the Reel Forward for Cutting; Moving the Sprocket to the Upper Take-Off Operates the Reel in Reverse for Sharpening; Chain Sprockets are of Different Size and can be Interchanged to Adjust the Speed of the Reel in Relation to Ground Travel as Cutting Conditions May Demand; the Cutting Reel and Bed Plate Comprise one Compact Unit Easily Removable from the Frame Without Dismounting Other Mower Parts; Finished in Green Trimmed in Red.

Nos.	✢CGP20	✢CGP27
Cut, inches	20	27
Engine, Horse Power	1	2
Capacity, Acres per Day	3 to 3½	6 to 7
Cutting Speed, Miles per Hour	½ to 3	½ to 6
Weight Each, lbs.	206	247
Each	$377.00	505 50

LAWN TRIMMERS

PENNSYLVANIA

UNDER CUT BALL BEARING

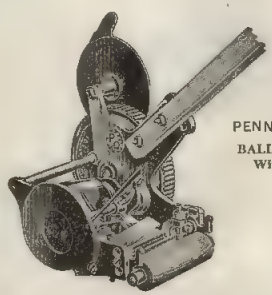
Self Sharpening, Light Weight, Four-Blade Cylinder

This Machine is the Only One to Successfully Replace the Use of Hand Shears; the Slanting Side Plate and Conical Cylinder Make it Possible to Cut All the Grass Left by the Regular Style of Lawn Mower; the Unique Construction of the Under Cut Trimmer Permits Cutting not only Close Up to a Wall, Fence, Tree, etc., But it Will Get the Grass **Under** a Fence or Rock-cut Base of Tombstones, House Foundations and Other Places Hitherto Out of Reach of Anything but Hand Shears; For Cemeteries it Has the Special Advantages of Not Marking or Smudging the Tombstones, as the Side Plate Does Not Come in Contact with the Stone Above the Grass Line; Diameter of Drive Wheel, 9½ inches. Ball Bearing Cylinder, with Four Tempered Steel Blades; 5½ inch Cut.

Each

No. PX—Shipping Weight, Including Handle, 32 lbs.; Net Weight, 23½ lbs., including Handle **$16 20**

One in a Box



PENNSYLVANIA

BALL BEARING With Edger

For Cutting Grass Left at the Edge of Lawns, Close up to Walls, Fences and Around Trees, etc., After Mowing; Will Cut to Within ⅜ inch of Wall or Tree; Takes the Place of Grass Shears and Other Devices Employed for this Purpose.

Equipped with a Sharp Disc; Which Cuts and Trims with Accuracy.

Tool Steel Blades; Cast Iron Wheel and Side Plates; Malleable Reel Braces.

Painted Green and Red, Gold Stripes, Varnished Hardwood Handle.

6 inch Cut; 4 Blades; Extreme Width, 13¼ inches.

Each

No. PLT—Weight Each, Boxed, 30 lbs. **$13 60**

One in a Box

Items Marked ✢ Can Only be Furnished by Shipping Direct from Factory, F. O. B., Marshalltown, Iowa.

(Sold only in full cartons of one dozen.)

STANDARD.

SOLID, FLAT BOTTOM.

Rough Surface—Non-Shine Finish.

The above decoys are made of selected quality cedar, especially treated to resist moisture. They are flat bottomed, rough surfaced, non-shine decoys. They also float high in the water and are so made that at a little distance they cannot be distinguished from real ducks. They are heavily painted with several coats of lead paint. The glass eyes are set into the head with long steel pins. Shape is such that they conform to the water so that it is almost impossible for them to turn over.

All models of these decoys are actual reproductions of the ducks they are intended to decoy and represent. The acme of perfection in decoy making.

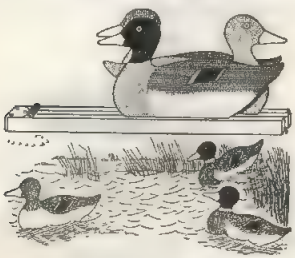
Per Dozen

No. S-1M—Decoys; mallard . . . . . **$16.00@**

No. S-1BB—Decoys; blue bill . . . . . **16.00@**

No. S-1CB—Decoys; canvas back . . . . . **16.00@**

METAL FOLDING.



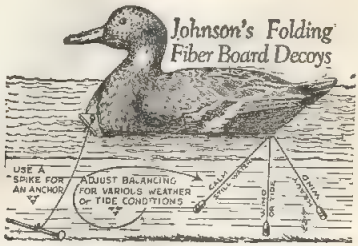
Painted in very natural colors to imitate mallards. Float is made of high grade cedar, thoroughly water-proofed 24 gauge metal is used in making the profile; heads will not break; hinge makes it rigid whether closed or open. They ride high and show up from a distance. Handy to set out and take in; will ride right side up in any wind. Very compact and light in weight. Size carton, 5½x10x24 inches.

Per Dozen

No. S-MF—Decoys; mallards only; weight dozen, 12 lbs. **$11.00**

One dozen in a carton.

JOHNSON'S FOLDING.



The ¼-inch cedar float, also waterproofed, slides snugly inside the body to spread and float it. A balancing device attached to the float makes tipping impossible. Suggestions for different ways of using printed on the bottom of each decoy.

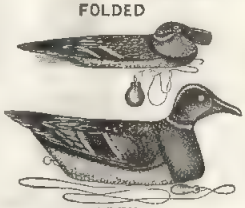
Each dozen fit compactly in two canvas bags. Per Dozen

No. S-JFD—Decoys; mallards only; weight per doz., 8 lbs. **$8.50**

CANVAS FOLDING.

AUTOMATIC.

FOLDED



OPEN

Real duck charmers; life-like feathery effect. Stray shots do not affect the bouyancy of the decoys; very durable.

Covers can be removed very easily. New covers can be obtained and very easily replaced without the use of any tools.

Per Dozen

No. S-525—Decoys; mallards only; complete with anchors and cords; weight per doz., complete with anchors, 14 lbs. **$16.00**

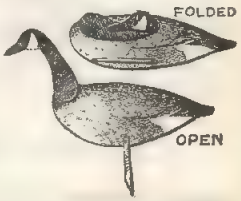
One dozen in a carton (assorted, 6 males and 6 females to a dozen).

Sold only in full cartons.

GEESE DECOYS.

FOLDING.

Made entirely of wood, the body is made in two parts, also the head and neck. These parts are riveted together so that the decoy will fold up very compact and can be readily opened up to resemble a goose in various positions.



Per Dozen

No. S-2—Decoys; size, about 9x10x12 inches; weight per dozen, about 12 lbs. **$18.00**

One dozen in a strong fiber box.

DECOY COLLARS.

The most practical device for anchoring live decoys. The rubber insulation protects the duck's neck from chafing or injury and swivel prevents all tangling or snarling of lines. Collars are constructed of highest grade brass spring wire and white rubber tubing of a like grade. Young ducks are inclined to resist or fight attachments for anchoring them in the water, during which period they are worthless as decoys. Patent collar prevents this, making it possible to yard-break young ducks.

Per Dozen

No. S-200C—Decoy Collars.....$4.00

DECOY LEG BANDS.

Leg bands are constructed of highest grade brass spring wire and white rubber tubing with swivel attachment.

Per Dozen

No. S-200L—Decoy Leg Bands.....$4.00

DECOY ANCHORS.

No. S-1

Per Dozen

No. S-1—Decoy Anchors; cone shape, cast iron; wgt. 6 ounces.....$1.40

No. S-2.

No. S-2 –Decoy Anchors; bell shaped, flanged, will not drag; made of lead; rustproof; weight each, 4 ounces..$1.20

Made of malleable iron, japanned finish, with large loop wide enough to go over head of decoys and small loop for anchor cord

Per Dozen

No. S-1A—Decoy Anchors.....$2.00

No. S-1A.

Made of cast iron, finished dull black; mushroom or bell style, with three holes in base for draining mud, sand and water.

Per Dozen

No. S-MDA—Decoy Anchors; weight each, 12 ozs.....$1.30

No. S-MDA

DECOY BODY WEIGHTS.

Made of malleable iron, japanned. Have eyelets for anchor cord and two nail holes for fastening the weight to the decoy.

Per Dozen

No. S-4—Decoy Weights; malleable iron, japanned; weight each, 4 ounces.....$1.20

DUCK CALLS.

OLT'S O. K.

Unequaled for naturalness. Constructed entirely of hard rubber, with a straight reed which makes this call stay in perfect tone in all kinds of weather.

Per Dozen

No. S-OK—Duck Calls.....$11.00

BROAD BILL.

Will produce with perfect accuracy any call of our native ducks, from the short, choppy call of the Teal to the long, dignified call of the Mallard drake.

Made in two pieces, allowing the reed to be fastened securely to one side by the use of a metal clamp. Reed is made of selected mica and carefully treated rendering it practically indestructable.

Per Dozen

No. S-B—Duck Calls.....$12.00

ALLEN'S.

Per Dozen

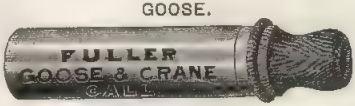
No. S-2—Duck Calls; maple.....$14.00

In the Olt's new perfect mallard duck call is constructed with the knowledge of many years experience and study. Constructed throughout of genuine hard rubber, nicely polished. The tongue is securely held in place between two hard rubber lips.

Per Dozen

No. S-ODC—Duck Calls.....$13.00

GOOSE.



Per Dozen

No. S-500—Goose and Crane Calls: nickel plated tube...$30.00

CROW.

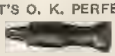
JAHN'S.

This call is substantial. Every call is tuned. It is so constructed that the reed will not stick. Easy to take apart and clean. With a little practice excellent results can be obtained. Full instructions with each call. Packed one dozen on a card.

Per Dozen

No. S-750—Crow Calls.....$12.50

OLT'S O. K. PERFECT.



Most natural, easy blowing crow call. Imitates the crow's language perfectly. Anyone is able to induce the crow to come within close gun reach by simply blowing into the call with a caw, caw, caw, holding call in the palm of hand the same as you hold a duck call.

Per Dozen

No. S-525—Crow Calls; fine polished hard rubber, length, 3½ inches.....$11.00

MINNOW BUCKETS

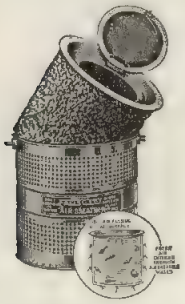
JONES—AQUARIUM

Compressed Air Tank for Floating and Forcing a Constant Stream of Air Bubbles Through the Water in the Pail for Six Hours, Keeping Minnows Alive Without Changing the Water; Complete with Ring for Towing Purposes; Bicycle Valve for Filling the Air Tank; Air Chamber will Hold from 8 to 10 Strokes of an Ordinary Tire Pump; Made of Galvanized Sheet Steel with Galvanized Wire Insert; Air Chamber Valve Will Fit Any Ordinary Bicycle Pump; Oval Shape; Finished Dark Green with Gold Band; Trade Capacity, 12 Quarts; Size, 15x10x6 inches.

Per Dozen

No. 300—Weight per Dozen, 114 lbs....**$114 00**

Twelfth Dozen in a Carton



FALLS CITY

AIR BREATHER

Keeps the Minnows Alive; Outside Container is Perforated, permitting Ample Air Circulation; Inset or Inside Container is of Laminated Celluite Material that is Porous to Air, Yet Water Tight Throughout; This Construction Permits Oxygen to Feed Freely Into the Water from All Sides, Thereby Keeping Minnows Alive and Active; Heavy Wire Bail with Wood Grip; Green Baked-on Enamel.

Round Tin

Per Dozen

No. 810—Height, 9 inches; Diameter, 9¼ inches; Weight per Dozen, 35 lbs.....**$54 00**

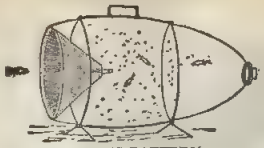
Oval Galvanized

Per Dozen

No. 8910—Length, 11¾ inches; Height, 8¼ inches; Width, 8½ inches; Weight per Dozen, 35 lbs.....**$60 00**

Twelfth Dozen in a Carton

MINNOW TRAPS

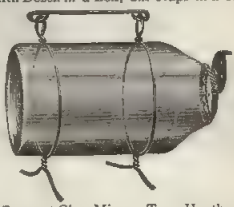


ORVIS PATTERN

Place a Handful of Cracker Crumbs Inside the Trap, Attach a Cord to the Handle and Lower Trap where Minnows Frequent; when Lowering Into Deep Water, Fasten End of Cord to a Float so Trap Can be Readily Regained; **Heavy Flint Glass**; Galvanized Steel Wire Handle and Legs; Size, 13x8in. Per Dozen

No. G1—Weight per Dozen, 118 lbs.....**$78 00**

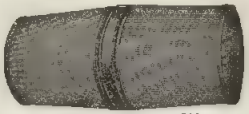
Twelfth Dozen in a Box; Six Traps in a Carton



A Compact Glass Minnow Trap; Has the Same Features as the Larger Trap, Only it is More Convenient to Handle; Made of Heavy Flint Glass, with Aluminum Bands, Feet and Handle; Easy to Open; Well Ventilated.

Nos.	Lgth., ins.	Diam., ins.	Wt. per Doz., lbs.	Per Dozen
G2	10½	5	18	**$18 00**
G3	11	6	24	**26 40**

Half Dozen in a Carton



GEE'S SURE CATCH

To be Used in Water, Frozen Over or Not, Any Depth, Bait of Crackers, Bread, Meat or Other Substance Fully Exposed to View with the Action of the Water, Very Attractive to Minnows; Its Shape (Two Truncated Cones Joined in the Middle) and Construction Offers Least Resistance to the Water; The Two Halves Nest Together so That with an Ordinary Pail the Trap Makes a Good Minnow Bucket. **Galvanized Woven Wire Body; Galvanized Steel Frame** and Reinforcements; Size, 17x9x7½ inches.

Per Dozen

No. GMT—Weight per Dozen, 23 lbs....**$24 00**

Half Dozen in a Crate

MAJA

With this Small Contrivance it is Possible to Make a Minnow Trap Out of Any Mason Jar; Cap is Threaded and Interchangeable with the Usual Mason Jar Cap or Lid; Has a Transparent Celluloid Lead-In Tapering to a ⅞-inch Opening at its Smaller End; Equipped With Handle for Carrying.

Per Dozen

No. MJT—Weight per Dozen, 1½ lbs...**$10.80**

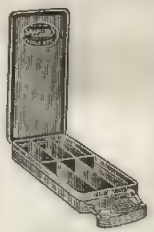
One Dozen in a Carton

TACKLE BOXES

SHAPLEIGH'S DIAMOND BRAND

TRADE MARK REG. IN THE U. S. PAT. OFFICE

"QUALITY COUNTS"



Wood Minnow Box

A New Type Box Constructed Specially for Carrying Minnows; Three Equally Divided Large Compartments; Three Equally Divided Small Compartments; Round Corners; Seamless; Automatic Catch; Detachable, Adjustable Web Shoulder Strap; Will Hold Six Wood Minnows; Size, 10⅛x4¾x1⅝ inches.

Each

No. 3DB—Weight per Dozen, 18 lbs.....**$2 00**

Half Dozen in a Carton

One Large Compartment for Snelled Hooks, Line, Baits, etc; Three Equally Divided Small Compartments for Sinkers, Swivels, Hooks, etc. Round Corners; Size, 7⅝x4¾x1⅝ inches.

SHAPLEIGH'S DIAMOND BRAND

TRADE MARK REG IN THE U. S. PAT. OFFICE

"QUALITY COUNTS"

Each

No. ODB—Weight per Dozen, 8 lbs.....**$0 55**

One Dozen in a Carton

BAIT BOXES

BOB-BET

A New and Conveniently Designed Bait Box for Worms; Opened and Closed by Turning Drum; Rolling Drum Open Brings Worms to Top, When Rolled Shut Cover is Securely Locked, Attractive Dark Green Lithographed Finish, Fitted with Two Belt Loops, Strong, Sturdy and Noiseless Length, 4½ inches; Width, 2¾ inches; Depth, 2⅜ inches.

Per Dozen

No. BB—Weight per Dozen, 6 lbs.....**$9 60**

One Dozen in a Carton

SHAPLEIGH'S POINTERS

Live Bait is Essential, For Fishing and for **Successful Retailing.**

Rock-A-Bye
SPECIAL CARRIAGE
Supported by Springs

This is the season when our Rock-A-Bye Model No. 130 sells on sight to fond fathers and mothers.

There is instant sales appeal in the four spring shock absorbers—the convenient hand brake—the sturdy steel frame—the choice of Leatherette Whipcord or Duck as well as Peachbloom Rubberized Cloth and Patterned Rubberized Cloth. The drop front, the reclining back, and the four-bow adjustable hood with sun visor are also great sales makers.

A lower priced Carriage with springs, is Model No 135 Has foot brake, three-bow hood and drop front.

Don't pass up these opportunities to make more easy sales and profit.

Write for special circulars and prices

THE PERFECTION MFG. CO.
2701 No. Leffingwell Ave. St. Louis, U. S. A.

New designs and artistic decorations of
Champion Sleds Surely Satisfy
Its Presto steering principle always excels.

Every child demands the full length curves in runners that do the trick. No other type can equal our method.

Nationally Advertised

Look Over
our new and novel all season outdoor toys

Our latest children's desks and automatic reclining beach chairs will certainly prove interesting.

See our demonstrations and samples in Rooms 965-67, Hotel McAlpin, New York City at the Toy Fair, April 1 to 20, 1935.

KALAMAZOO SLED COMPANY
KALAMAZOO, MICHIGAN

New Toys For Old

(*Continued from page* 123)

point to the fact that the "trade-ins" are worth nothing to the dealer, although they might be to the customer. A customer seeking a refund would naturally expect to get in cash the price paid for the new purchase, plus the allowance that was made for the old toy. Naturally, no dealer could afford to pursue such a practise. However, it is the writer's opinion that in order to keep the good will of the customers, credits could be issued and exchanges made.

Advertising Appeal

Another important question which must be taken into consideration by dealers is: What special appeal should be used in advertising the promotion? The largest appeal is in the fact that old and used toys are *not* worthless to their owners. This is a point that should be stressed, along with an invitation to the public to bring their old toys to the store to find out what they are actually worth The children's need for new toys in the Spring is another point to be emphasized, and one that can be calculated to appeal to the parents. "NEW TOYS FOR OLD," is a catch-line that could be used in the advertisements and on the windows of the store to attract the attention of the public Another point to be feaured in the advertising of the store is the manner in which the old toys are to be disposed of.

There is apparently a great deal of merit to a "trade-in" promotion, and the mere novelty of it is practically enough to guarantee its success. People are always looking for something new and different, and this promotion is it Not only will such a promotion aid in stimulating sales and increasing profits, but it will give dealers an idea of whether or not it can be made a permanent part of the merchandising plans—a promotion to be used frequently, or just a stunt that is good as a novelty.

The Value of Bicycle Clubs

DEALERS anxious to increase their sales in bicycles and bicycle accessories should consider the advantages of organizing a bicycle club. Surely, among the store's young customers there is a sufficient number of boys who enjoy taking bicycle trips, and who would be only too anxious to form a club. The store could be used as the club's headquarters and trips could be made to various places, designated by the members, every other Saturday. Such an organization is certain to appeal to the young boys in the community, and as the club membership grows the dealer will find his sales doing likewise.

Announcing

ZAIDEN'S *Famous* **MECHANICAL DOLLS**

Wind 'em Up and Watch 'em Shimmy and Shake

In Conjunction with a Complete New Line of

POPULAR-PRICED DOLLS and NOVELTIES

TOY FAIR DISPLAY
HOTEL IMPERIAL — ROOM 334

Consolidated VENUS Corporation

FACTORY AND SHOWROOM:
419-21 BROOME STREET, NEW YORK
CAnal 6—6925

Ask About Our
NEW **$1.00**
MOVING EYE SPECIAL DOLL

Complete Play-Yard in One Outfit

ROL-O-CLIME

(Design Registered)

Rol-o-Clime consists of a 44" semi-circular (wooden) climber, a 44" ladder and an 8' plank, oiled on one side for sliding. By simple rearrangement of these three parts children can slide, climb, see-saw and rock. Safe, sturdy, attractive and *packed* with play value.

Be sure to see Rol-o-Clime at the Showrooms of

E. M. CLARK
1107 Broadway, New York
Send for Catalogue of Toys and Hollow Yard Blocks

HAWLEY TOYS and ROL-O-CLIME
So. Shaftsbury, Vt.

THE

GEO. FRANKE SONS CO.

112 South Eutaw St.
BALTIMORE, MD.

HOLIDAY GIFT BOXES
TINSEL GARLANDS
FOIL ICICLES
CHRISTMAS SNOW
RIBBONS and CORD
OVERNIGHT CASES

NEW YORK SALESROOM
ROOM 314
FIFTH AVENUE BUILDING

RICHARD G. KRUEGER, Inc.

Sole Distributors
Da Costa
WATER BALLS
CRY BAWLS

Sole Manufacturers
Rose O'Neill
SOFT and HUGSOME
KEWPIES

Complete Line of Infants' Toys and Novelties

The entire 10th floor is devoted to our merchandise. . . . During the Toy Fair call at our conveniently located showrooms at

1359 BROADWAY — NEW YORK CITY

At 36th Street—Just two blocks from Hotel McAlpin

© Rose O'Neill

IT WILL INTEREST YOU TO KNOW

that we manufacture Movie Projectors for Schools, Churches.

that we build Movie Cameras with seven speeds, including Slow Motion.

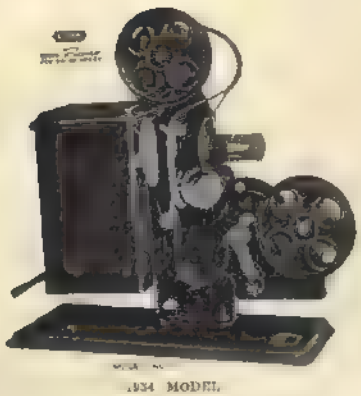
that the name Keystone is a strongly advertised name with the movie-minded parent.

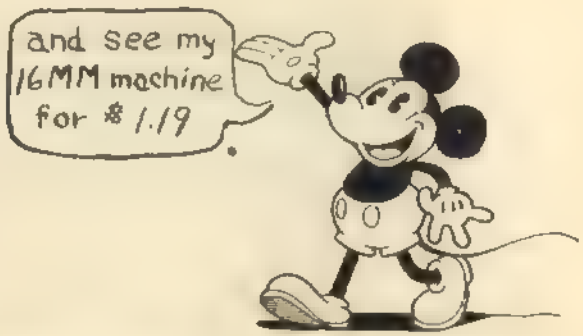
that we have made Projectors *successfully* for fifteen years.

You Can Have Absolute Confidence in the accuracy of the

$1.00 KEYSTONE 16MM MOVIE PROJECTOR

and up to $79.50 retail





KEYSTONE MFG. CO.

Manufacturers of Heavy Steel Toys — Wood Toys — Sail and Motor Boats — Shooflies — Cradles — Soldier Forts — Garages, etc.

288 A Street Boston, Mass.

New York Showroom: 200 Fifth Avenue

When writing to Keystone Mfg. Co. will you please mention PLAYTHINGS?

There's a Pot of Gold for TOY BUYERS

waiting at the end of the Rainbow in

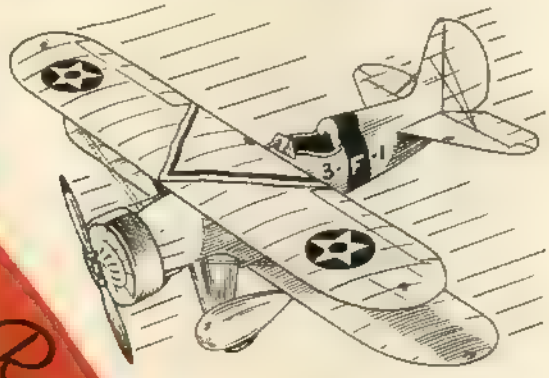
In addition to its complete line of model airplane kits, Comet announces two new, fast-moving lines—

RAILROAD MODEL KITS and BOAT MODEL KITS

See them at the Comet Display!

The big stores do a real job with COMET KITS— all year 'round!

Comet Kits are doing a big job for stores everywhere—including some of the biggest in the country. Ask the toy buyers of these stores, and they'll tell you that Comet Kits sell all year 'round—and pile up sensational sales records during the peak months. Comet maintains a powerful demand for its products on the part of boys and model builders by consistent, dominating advertising in national magazines. Boys know and prefer Comet Kits—because they are highest in quality, scientifically engineered, and wonderfully complete—always the biggest values in every price range! Comet Headquarters is ready to co-operate with you in special contests and promotions, giving you the benefit of their long experience. By all means—visit us at the Toy Fair—or write for further information to



The Comet line of model airplanes is complete — kits of great variety, including the most popular and fast-moving models, at 10c, 25c, 50c, 75c, $1, $1.50, $1.95 and $2.50.

Write for Discounts

COMET MODEL AIRPLANE & SUPPLY CO.
2509 West Cermak Road, Chicago

COMET MODEL AIRPLANE KITS at the TOY FAIR

ROOM 842 HOTEL McALPIN

When writing to Comet Model Airplane & Supply Co., will you please mention PLAYTHINGS?

CAL'S COLT

NEW CREATIONS:
NOW ON WHEELS

Retails $1.00 to $5.00

IN MINIATURE

Retails

10c - 25c - 50c - $1.00

ON DISPLAY

1107 BROADWAY

NEW YORK SUITE 908

KIDDIE GYM CORP.
Newark, N. J.

Put *Cal's Colt* Where it can be Seen and Tried--*and Sales Follow*

THE unique shape, the attractive colors and the desire to try *Cal's Colt* will lure a child, and experience has proven that when it is displayed where children can see it, try it, *Cal's Colt* will outsell all other toys in its price class. Its fascination is irresistible and satisfied only by ownership. Parents too get a real "kick" out of watching their children enjoy the fun.

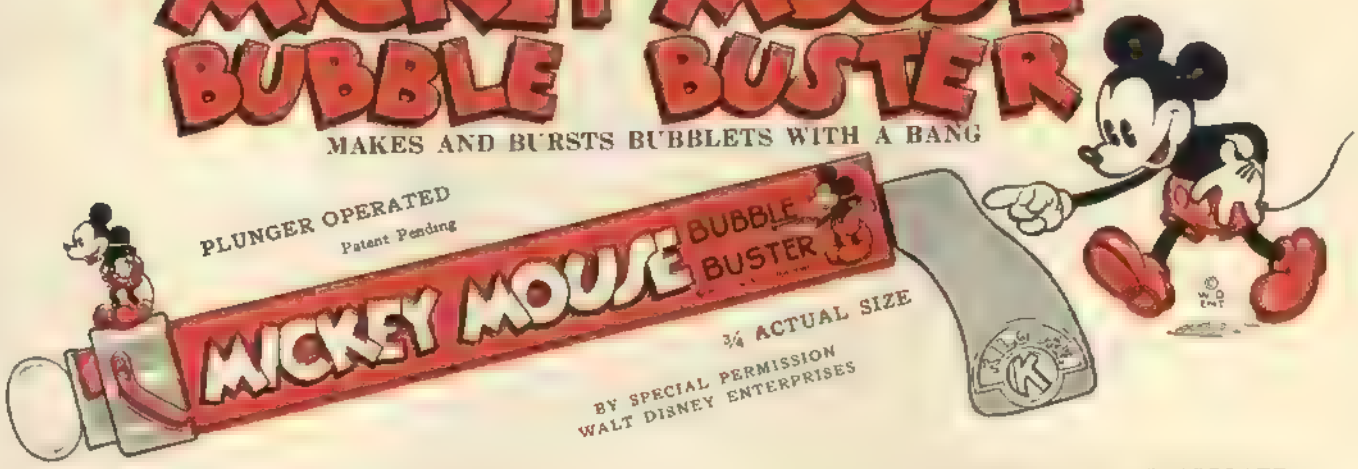
Dealers who want year round action in toy sales, quick turnover and good profits will find *Cal's Colt* an unequaled producer. In fact these features alone have won for *Cal's Colt* great popularity with dealers all over the country as a handle toys of any kind.

When writing to Kiddie Gym Corp. please mention PLAYTHINGS

. . . AND NOW! . . . THE

MICKEY MOUSE BUBBLE BUSTER

MAKES AND BURSTS BUBBLETS WITH A BANG



EASY TO LOAD AND OPERATE

PACKED INDIVIDUALLY IN AN ATTRACTIVE THREE-COLOR
MICKEY MOUSE DESIGN CARTON

Color—Action—Noise—all the attributes of a perfect toy. Strong and durable. Eight inches in length.

One stroke of the plunger inflates rubber disc Bubblet to a diameter of 1¼ inches, then bursts with a loud, sharp report.

An ideal celebration item for Fourth of July, Christmas, New Years, etc. Carrying appeal and interest for all year round sales.

Packed one-half gross to shipping carton. Weight per gross, 80 lbs.

Patent Pending

48 MICKEY MOUSE BUBBLETS PACKED
IN AN ATTRACTIVE MICKEY MOUSE
DESIGN TWO COLOR CARTON

THE KILGORE MANUFACTURING CO.

DIVISION

WESTERVILLE, OHIO, U.S.A.
Waterloo, Quebec, Canada

COMPLETE LINES OF
TOY PAPER CAP PISTOLS AND
TOY PISTOL PAPER CAPS

NEW YORK OFFICE AND DISPLAY
450 FIFTH AVE. BLDG.
J. WARREN WILEY, Representative

AMERICA'S LARGEST MAKERS OF TOY PAPER CAP PISTOLS AND TOY PISTOL PAPER CAPS

WORLD COPYRIGHT, 1935, NEA SERVICE, INC.

From left to right are: Emelie, Marie, Yvonne, Annette and Cecile

BY EXCLUSIVE PERMISSION of their CANADIAN GUARDIANS

Madame Alexander Presents the ONLY

DIONNE QUINTUPLET DOLLS

CELEBRATE

May 28th will be the first birthday of the Dionne Quintuplets, an event that will be on the front page of every newspaper in the country and a special feature for the news reels.

Sculptured in the very image of the World's Most Famous Babies

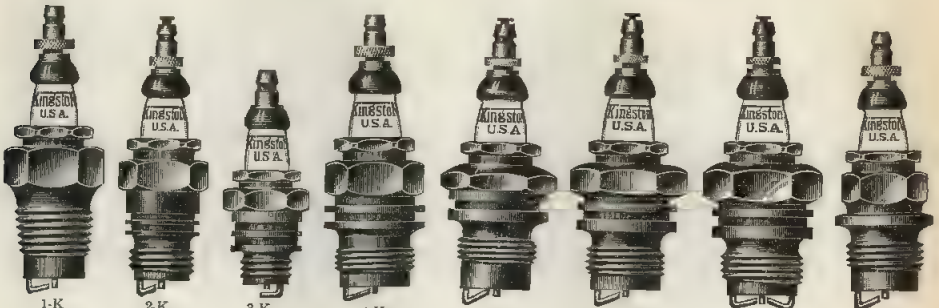
Arrange Now to Have Your Store Join This World Famous Celebration

ALEXANDER DOLL CO.

20 WEST 22ND STREET NEW YORK

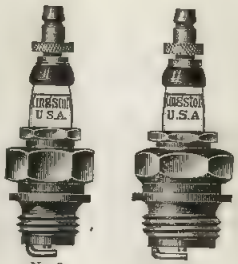
KINGSTON SPARK PLUGS

Kingston Spark Plugs Take Care of All Motor Conditions with a Minimum Number of Models. Dealers Will Welcome the Simplified Line Backed by Specialized Ignition and Spark Plug Manufacturing Experience That Dates Back to 1908. A Top Quality—Two-Piece Shell Plug. Shells are Polished Blued Steel, Sturdy Porcelains, Electrodes of the Finest Material.



1-K ½ Inch Long | 2-K 18MM | 3-K 14MM | 4-K ⅞ Inch, 18 Short | 5-K ⅞ Inch, 18 Long | 6-K ⅞ Inch, 18 Short | 7 K ⅞ Inch, 18 Short | 8-K ⅞ Inch, 18 Long

BUILT RIGHT FINISHED RIGHT PRICED RIGHT



No. 9 18MM | No. 10 ⅞ Inch, 18

BUILT BY A FACTORY WITH THIRTY YEARS OF SPECIALIZED AUTOMOTIVE ENGINEERING EXPERIENCE

	Each
No. 1-K—½ inch Pipe Thread, Long, Small Hex. No. 2-K—18 MM No. 3-K—14 MM. (Cold Plug) No. 4-K—⅞ inch; 18 Short; Small Hex. No. 5-K—⅞ inch; 18 Long; Large Hex. No. 6-K—⅞ inch; 18 Short; Large Hex.	$0 65
No. 7-K—⅞ inch; 18 Short; Large Hex.; Double Electrode	90
No. 8-K—⅞ inch; 18 Long; Small Hex. No. 9—18 MM. (Cold Plug) No. 10—⅞ inch; 18 (Cold Plug)	.65

Each Plug Wrapped in Oil Paper, Individually Boxed; Twelve in a Carton; Approximate Weight per Carton, 3½ lbs.

SEE PAGE 1834 FOR CHART SHOWING CORRECT PLUG TO USE

SHAPLEIGH'S TRADE MARK REG. DIAMOND EDGE IN U.S. PAT. OFFICE

KINGSTON SPARK PLUG CHART

Car Name and Models	Plug Nos.
Auburn 6 & 8 thru '30	6K 10
High Hd. 8 thru '31	4K-6K 10
High Hd. All Others	7K 4K 10
8-88, 8-100	4K 6K 10
12 Cyl.	2K 9
Austin	2K 9
Buick thru '25	4K-8K 10
Buick after '28	2K 9
Cadillac thru '28	4K 6K 10
After '28	2K 9
Case	6K 10
Chandler	6K 10
Chevrolet 4 Cyl.	6K 10
6 Cyl. thru '31	2K 9
1932	2K 9
1933	3K
Chrysler thru '29	4K 6K 10
'31 Imp. DeLuxe	3K
Others after '29	2K 9
1932	3K
Cleveland	6K 10
Cord	2K 9
Cunningham W1	2K 9
All Others	4K 6K 10
Desoto thru '31	2K 9
After '31	2K
DeVaux	2K 9
Diana	6K 10
Dodge, 4 Cyl.	6K 10
6 Cyl.	4K 6K 10
'30 and '31	2K 9
After '31	3K
Dorris	6K 10
Duesenberg	2K 9
Durant 610, 612, 614, 617, 70	2K 9
Durant, All Others	6K 10
Essex thru '27	4K 10
Essex after '27	2K 9
Essex 130, 140	2K 9
Frisbie	6K 10
Essex thru '31	2K 9
1932	3K 9
Terraplane	3K
Fair	4K 6K 10
Ford Model T	1K
Model A	5K 6K 10
Model B	5K 10
AV 18 '32	6K 5K 10
BV-40, '33	2K 9
Franklin to Series 12B	6K-4K 10
From Series 12B	2K 9
Gardner	6K 10
Graham-Page 6's	5K 10
8's	2K 9
Graham 6's, Blue Streak 820 and 823	6K-5K 10
Graham 8's	2K 9
Hudson thru '31	2K 9
After '31	2K 9
Hupmobile thru '29	6K 10
6 after '29	2K 9
8 thru '27	6K 10
8 after '27 thru '32	2K 9
1933	2K 9
Jewett	6K 10
Jordan	6K 10
J. E. & '30	2K 9
Kissel	6K 10
Kissel Taxi	2K 9
LaSalle thru '28	4K-6K 10
After '28	2K 9
Lincoln	4K 6K 10
Locomobile 8-78	2K 9
All Others	4K-5K 10
Marmon 68, 75, 78, Old Style Hd.	4K-6K 10
Marmon 69, 70, 79, 88, Big 8, Double Dome Hds.	2K 9
Marmon 16 Cyl.	2K 9
Marquette	2K 9
McFarlan	4K 10
Meteor thru '27	6K 10
After '27	2K 9
Moon 8-80 & Windsor	2K 9
Moon, All Others	6K 10
Nash Stand. & Lt. 6 thru '28	6K 10
All Others thru '28	4K 10
L Hd. after '28	2K 9
Over Hd. after '28	2K 9
Model 8-80, 9-80, 10-80 and Early Series 9-90, and 9-70	3K
Overland thru '29	6K 10
After '29	2K 9
Oldsmobile thru '26	4K 10
'27	6K 10
After '27..	2K 9

Car Name and Models	Plug Nos.
Overland 4	1K
Overland 6	6K 10
Packard to June 31.	4K 6K 10
After June '31	3K
High Comp. Hd	2K 9
Paige	6K 10
Peerless thru '29	6K 10
Pierce Arrow Model 81 & after '29	2K 9
Pierce Arrow 1932, 12-Cyl.	3K
1933	3K
Plymouth thru '28	6K 10
After '28 thru '31	2K 9
After '31	3K
Pontiac thru '29	6K 10
'30 thru '31	2K 9
After '31	3K
Reo thru '29	1K
Flying Cloud thru '27	4K 10
Wolverine thru '27	4K 10
All Others	2K 9
Rickenbacker	4K 10
Roerich	6K 10
Rockne thru '32	4K-6K 10
1933	2K 9
Rolls-Royce	2K 9
Roosevelt Old Type Head	4K-6K 10
Double Dome Hd	2K 9
Ruxton	2K 9
Saf-T-Cab	6K 10
Sayers & Scovill thru '27	6K 10
After '27	2K 9
Star 4 & 6	6K 10
Stearns Knight	4K 10
Studebaker-Dictator Thru '28	4K 6K 10
All Others thru '32	4K-6K 10
High Heads	7K 10
'33 Models	2K 9
'32 High Heads	2K 9
Stutz & Black Hawk 6 & 8	2K 9
Velie	4K 10
Viking	2K 9
Whippet 4 & 6	6K 10
Willys 4 & 6	2K 9
Willys 8	2K 9
Willys-Knight 4-6	6K 10
Stand. 6's, 66, 70, 70B, 87, 95	4K 10
Windsor 6-69	6K 10
All Others	2K 9

Commercial Cars

Ace	7K-6K 10
A. C. F. Coach	2K 9
Acme 56 Spec., 66 & 120	2K 9
Acme, All Others	6K 10
Acorn	6K 10
Ahrens Fox Fire	7K 6K 10
Amer. LaFrance	7K 6K 10
Armleder	7K 6K 10
Atterbury	7K 6K 10
Metric Heads	2K 9
Autocar	7K 6K 10
Availible	6K 10
Bederman Mdl. 60, 70 80	2K 9
Bederman, All Others	7K 6K 10
Bessemer	7K 6K 10
Bett	6K 10
Brill Nail Car 3/8" Heads	7K 6K 10
Met. Hds.	2K 9
Brockway Met. Hds. 7/8" Heads	6K 4K 10
Century	6K 10
Checker Cab thru '31	6K 10
Checker Cab thru '31	6K 10
After '31	2K 9
Chevrolet 4	6K 10
6 thru '31	2K 9
1932	2K 9
Chicago	7K 6K 10
17A & 18A	2K 9
Clark Truck Tractor	4K 10
Clinton	7K 6K 10
Clydesdale	7K 6K 10
Coleman	4K 10
Commerce	7K 6K 10
Concord	7K 6K 10
Corbitt	7K 6K 10
Corbitt Cont. R. Eng.	2K 9
Dart	7K 6K 10

Car Name and Models	Plug Nos.
Day Fuller 3/8" Hds.	6K 10
Metric Heads	2K 9
Detroit	7K 6K 10
Dort	7K 6K 10
Diamond Cab	7K 6K 10
Diamond T	7K 6K 10
With Buda Motor H-199	2K 9
Divco	6K 10
D type 4	6K 10
Dodge 9	7K 6K 10
ZI & 7	7K 6K 10
After '29	2K 9
Model G 80	2K 9
Douglas	7K 6K 10
Metric Heads	2K 9
Dover	2K 5
Duplex	6K 10
E, SAC, M	7K 6K 10
Eagle	7K 6K 10
Fageol	4K 6K 6K 10
Metric Heads	2K 9
All Others	7K 6K 10
Federal Knight	7K 6K 10
Federals Models T7, T8, F7, A6, T6	7K 6K 10
U6R, U6, 3C6, 4C6, 4CF4, XRT	2K 9
Federal Model X8	4K 10
Federal All Others	6K 10
Fifth Ave.	7K 6K 10
Ford T	1K
Ford AA and BB	5K 6K 10
Freeman	6K 6K 10
F. W. D.	7K 6K 10
Garford	7K 6K 10
Gary	7K 6K 10
Giant	7K 6K 10
G. M. C. using Buick Eng. thru '28	4K 8K 10
After '28	2K 9
Frontine Engine thru '29	7K 6K 10
After '29	2K 9
Cadillac Eng.	2K 9
G. M. C. Eng.	7K 6K 10
Golden Crown Model FA	2K 9
Gottfredson	7K 6K 10
Graham 4-6 Cyl.	7K 6K 10
Gramm Bernstein	7K 6K 10
Gramm KY, GY & T90	2K 9
Gramm, All Others	6K 10
Guiver	4K 10
Grass Premier	7K 6K 10
Grass Premier	7K 6K 10
Hahn 47-HB, 47-HD, 67-H	2K 9
Hahn, All Others	7K 6K 10
Hale Fire Pump	2K 9
Harvey	7K 6K 10
Hawkeye	6K 10
Hendrickson	7K 6K 10
Huffman	6K 10
Hug H 286, H-260	2K 9
Hug, All Others	6K 10
Independent	6K 10
Indiana 120, 140 With Herculese Motor	2K 9
JXA, JXB, YXC and OOB	6K-4K 10
All Others	4K 6K 10
International Harvester T, E, Tractor T20	6K-4K 10
International Harvester Mod S Series, 4 & 6, H.S. Series & S Sp'd Sp.	4K 6K 10
International Harvester A4, A5, A6	7K-4K 10
International Harvester '31 A & W Series	4K-6K 10
International Harvester All Others	6K-4K 10
Jumbo	6K-4K 10
Kelly Springfield	6K 10
Kenworth	6K 10
Kimball	6K 10
King Zeitler 72A	2K 9
All Others	7K 6K 10
Kleiber	6K 10
La France Republic With Wauk Sht Eng.	6K 10
Lange	2K 9
Larabee-Dayo 40, 50, 60, 70, 80	4K 10
All Others	2K 9
Leudinghaus	7K 6K 10
Macrae	6K 10
Metric Heads	2K 9
Mack BG, BI, AB-6 BH, BJ	6K 10
All Others	7K 6K 10

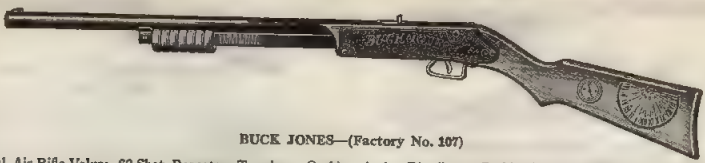
Car Name and Models	Plug Nos.
Mack Fire Apparatus AB-6	2K 9
AJ Others	7K 6K 10
Master	7K 6K 10
Menominee	7K 6K 10
Meteor	4K 9
860 and 870 Series	2K 9
Moller Cab	6K 10
Moreland	7K 6K 10
National Cont. R	2K 9
National, All Others	6K 10
Nelson LeMoon	7K 6K 10
Noble	6K 10
Ogden	6K 10
Oldsmobile	4K 10
O. K.	6K 10
Oneida	6K 10
Oshkosh	6K 10
Packard	7K 6K 10
Paramount Cab	6K 10
Parker	6K 10
Peter Pirsch	7K 6K 10
Cont. 18R-20R	2K 9
Pierce Arrow	7K 6K 10
Relay	6K 10
Model 300A	2K 9
Republic Speed Wagon	4K 9
4 Cyl.	1K
After '29	2K 9
Republic	7K 6K 10
Robinson Fire	7K 6K 10
Ruggles	6K 10
Rugby 614, 614.	2K 9
All Others	7K 6K 10
Sandow	7K 6K 10
Sanford	7K 6K 10
Continental R	2K 9
Schacht	7K 6K 10
Schwartz SRL	2K 9
Seagrave Fire	7K 6K 10
Seldon	7K 6K 10
Service	7K 6K 10
Standard Continental R Engine	2K 9
Stand. All Others	7K 6K 10
Sterling DW18, LW20, OC20, OC26, EW37, EC29, DW28	2K 9
Ster., All Others	7K 6K 10
Stewart 29XS, 32X, 35X, 38	2K 9
All Others	6K 10
Studebaker	4K 6K 10
Thorne	6K 10
Metric Heads	2K 9
Traffic	4K 10
Traylor	6K 10
Twin City	4K 10
Twin Coach	6K 10
Union	6K 10
United	7K 6K 10
Universal	4K 10
United States	6K 10
Velie	4K 10
Ward LaFrance	7K 6K 10
Metric Heads	2K 9
White Engine Models, GA, GA, GA GEC, GO, GN, GR, GRB, GRC, GRCB	2K 9
1A, 1AB, 3A, 3AB	7K 6K 10
2A, 4A, 4AB	6K 10
5A	2K 9
Wichita	4K 10
Wilcox	6K 10
Will	7K 6K 10
Willys	2K 9
Willys Knight	6K 10
Winther	6K 10
Wisconsin	4K 10
Wolverine	7K 6K 10
World DE	2K 9
World, All Others	8K 10
Yellow Cab Model 06 Series A	4K 6K 10
Series H	2K 9
616 and W Metric Head	2K 9
All Others	7K 6K 10

Tractors

Allis Chalmers	8K 7K 10
Beaver Motor	4K 10
All Work	6K 4K 10
American	6K 4K 10
Austin	1K
Austin	6K 10
Avery, 5, 10, 15	7K 6K 10
All Others	1K

Car Name and Models	Plug Nos.
Bailey	6K 10
Bates Steel Mule	6K 10
Beeman Garden	1K
Best	6K 4K 10
Bolen thru '28	6K 10
Bolen after '28	2K 9
Case	7K 6K 10
Caterpillar, 7K 6K 4K 10	
Clark	6K 4K 10
Cletrac	4K 6K 10
Cleveland D Model 100	1K 8K 10
20, 30, 40 and W	6K 4K 10
Dart	6K 10
Eagle 3/8" Head	1K
Eagle 7/8" Head	6K 10
Elgin	6K 4K 10
Emerson Brantingham	1K
F. W. C.	6K 4K 10
Fageol	4K 6K 10
Farmall	6K 4K 10
Fitch	6K 10
Flour City	1K
Fordson	1K
Fordson (Cork)	6K 10
Graham	6K 10
Gravley	6K 4K 10
Gray	1K
Hart, Parr, thru '28	1K
After '28	7K 6K 10
Heider	6K 10
Holt 1/2" Head	6K 4K 10
Holt Met. Hds	2K 9
Huber	7K 6K 10
Indiana	6K 10
International Harvester Farmall	8K 10
Farmall, F30	6K 4K 10
10-20, and 15-30	8K 10
Indus., Mod 20 and 30	8K 10
Trac., Trac., Tor. T 20	6K 4K 10
John Deere	1K
1930 G P	1K
1931 M del D	6K 10
GP, WT	6K 10
Thrasher	6K 4K 10
Keck-Gonnerman 1/2" Head	1K
3/4" Head	6K 10
Kinkaids	1K
Knox	4K 8K 10
LaCrosse	4K 2K
Lanuon, Mod. RAU, RAU LA	2K
Models VA, UA	7K 10
All Others	4K 10
Linn	4K 6K 10
Little Giant	1K
Massey Harris	6K 4K 10
McCormick-Deering	8K 10
Midwest	6K 4K 10
Minneapolis	1K
Minneapolis Thresher Mach. Tractor	6K 4K 10
Monarch	4K 8K 10
National	6K 10
Nelson	6K 10
Nichols & Shepard	1K
Parsons	6K 4K 10
Pioneer	1K
Model Red E	6K 10
Reliable	1K
Rock Island	6K 10
Ross Carrier	6K 10
Rumely	6K 10
Russell	6K 10
Shaw	1K
Stewart	6K 10
Topp-Stewart	6K 10
Toro	6K 10
Traylor	6K 10
Twin-City	6K 4K 8K 10
Uhlter	6K 4K 10
Vaughn	1K
Wallis Cub	6K 4K 10
Waterloo Boy	1K
Wetmore	6K 10
Wisconsin	6K 10
Yuba, 20, 25, 40, 70	1K
Yuba, All Others	6K 10

Daisy Air Rifles



BUCK JONES—(Factory No. 107)

A Sensational Air Rifle Value; 60-Shot Repeater; Trombone Cocking Action Distributes Cocking Load Uniformly Over Entire Stroke; Frame is Beautifully Engraved, Bearing Buck Jones' Name; Full Floating Needle Type Compass Inlaid in Stock; Easy Reading Sun Dial Branded on Stock; Stock is of Nicely Finished Hardwood with Half Pistol Grip; Barrel and Frame are Blued Finish.

	Per Dozen	*Suggested Retail Price Each*
No. D17—Length Over All, 35 inches; Weight Each, 2¼ lbs.	**$27.20**	**2.95**

Packed Half Dozen in a Case; Weight per Case, 33 lbs.

BUZZ BARTON SUPER SPECIAL—(Factory No. 103)

Lever Action, 1000-Shot, 24¼-inch Barrel of Heavy Gun Steel; Nickel Plated and Polished; Dual Action Cocking Mechanism which Evenly Divides the Work of Cocking Gun Over Both Forward and Backward Movement of Cocking Lever; this Permits Use of Heavier Plunger Spring Giving More Force and Accuracy; Telescope-Type Sights Finished in Non-Glaring Gun Blue; Natural Finished Hardwood Stock with Buzz Barton Signature and Star Branded on it.

	Per Dozen	*Suggested Retail Price Each*
No. D103—Length Over All, 36 inches; Weight Each, 2¾ lbs.	**$40.00**	**2.50**

Packed Half Dozen in a Case; Weight per Case, 21 lbs.

DAISY

50 SHOT REPEATER TAKE DOWN MODEL—(Factory No. 25)

Pump Action, with Forced Feed; Permitting Easy Firing from the Shoulder; Cocks Easily by Simply Pulling the Slide Toward the Stock; Adjustable Rear Sight; American Walnut Stock; All Metal Parts Gun Blued.

	Per Dozen	*Suggested Retail Price Each*
No. D25—Shoots Air Rifle Shot Only; Length Over All, 38 inches, Weight Each, 3¼ lbs.	**$33.20**	**3.95**

Half Dozen in a Case; Weight, 29 lbs.

DAISY

BUZZ BARTON SPECIAL

(Factory No. 195)

Lever Action; 1000-Shot; New Marvelous Telescopic Type Sight Extremely Accurate; 22-inch Barrel, and Jacket of Genuine Blued Gun Steel; Powerful, Positive Action; Hardest Hitting Gun of its Size Ever Produced; Natural Finish Polished Wood Stock with Buzz Barton Signature and Cowboy Scene Decoration.

	Per Dozen	*Suggested Retail Price Each*
No. D1200—Shoots Air Rifle Shot; Length Over All, 35 inches; Weight Each, 2 lbs.	**$31.20**	**1.95**

Half Dozen in a Case; Weight per Dozen 19 lbs.

DAISY

500 SHOT REPEATER

(Factory No. 102)

Automatic Repeater, with Magazine Holding 500 Shots; New Stream-Line Design, Adding Even Greater Beauty of Design to a Time-Tested Action; All Metal Parts in Nickel Finish, Highly Polished; Walnut Finished Stock; Lever Action.

	Per Dozen	*Suggested Retail Price Each*
No. D500—Shoots Air Rifle Shot; Length Over All, 31 inches; Weight Each, 1¾ lbs.	**$24.00**	**1.50**

One Dozen in a Case; Weight 27 lbs.

DAISY

SINGLE SHOT—(Factory No. 101)

Lever Action, a Very Dependable Gun; Embodying the Same Action Used in Daisy Guns for Years; Permanent Shooting Barrel Insures Operation Over a Long Period of Time; All Metal Parts of Genuine Blued, Heavy Gun Steel; Walnut Finished Stock.

	Per Dozen	*Suggested Retail Price Each*
No. D1—Shoots Air Rifle Shot; Length Over All, 31 inches; Weight Each, 1¾ lbs.	**$16.00**	**1.00**

One Dozen in a Case; Weight, 28 lbs.

KING AIR RIFLES

KING
1000 SHOT, REPEATER
(Factory No. 55)

Lever Action; Shoots 1000 Times Without Reloading; Loads Automatically; All Working Parts Made of Steel and Brass; All Parts Interchangeable.

Barrel—Steel, Half Octagon; Blued Finish; Open Front and Rear Sights.

Stock—Black Walnut, Oil Finished.

Frame—Pressed Steel, Nickel Plated; Malleable Iron Lever and Trigger Nickeled

	Per Dozen	Suggested Retail Price Each
No. K1000—Shoots Air Rifle Shot Only; Length Over All, 36 inches; Weight Each, 2 lbs.	**$39.60**	2.00

One Dozen in a Case; Weight per Case, About 28 lbs.

KING
500 SHOT SPECIAL REPEATER
(Factory No. 22)

Lever Action; Shoots 500 Times Without Reloading.
All Working Parts Made of Steel and Brass; All Parts Interchangeable; This is a High Grade Air Rifle.

Barrel—Steel, Round, Blued Finish; Length 20 inches. Open Front and Rear Sights.

Stock—Black Walnut, Oil Finish.

Frame—Pressed Steel, Blued Finish.

	Per Dozen	Suggested Retail Price Each
No. K22—Shoots Air Rifle Shot Only; Weight Each, 1¾ lbs.; Length Over All, 32 inches	**$30.00**	1 65

One Dozen in a Case; Weight per Case, About 26 lbs.

KING
SINGLE SHOT
(Factory No. 21)

Lever Action; Compact, Substantial and Durable; All Parts Interchangeable.

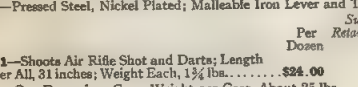
Barrel—Steel, Blued Finish; Length 18 inches; Knife Blade Front and Peep Rear Sights.

Stock—Black Walnut; Varnished.

Frame—Pressed Steel, Nickel Plated; Malleable Iron Lever and Trigger.

	Per Dozen	Suggested Retail Price Each
No. K21—Shoots Air Rifle Shot and Darts; Length Over All, 31 inches; Weight Each, 1¾ lbs.	**$24.00**	1.20

One Dozen in a Case; Weight per Case, About 25 lbs.



KING
JUNIOR SINGLE SHOT
(Factory No. 10)

Designed Especially for the Younger Boys not Big Enough to Use the Larger or Heavier Air Rifle.

Barrel—Steel, Blued Finish; Length, 16⅛ inches.

Stock—Hardwood, Ebony Finish.

	Per Dozen	Suggested Retail Price Each
No. K0—Shoots Air Rifle Shot Only; Length Over All, 29 inches; Weight Each, 1 lb.	**$13.00**	.70

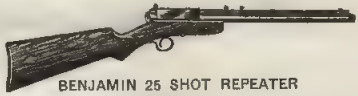
One Dozen in a Case; Weight per Case, About 15 lbs.

BENJAMIN AIR RIFLES

BENJAMIN SUPER SINGLE SHOT
MODEL 300

Shoots Lead or Steel Air Rifle Shot with Compressed Air; Air is Compressed with a Pump Contained in Large Barrell and Shooting Force is Adjustable According to Air Pressure; Breech Loading Bolt Action; Hair Trigger; Equipped with Safety; Front Blade Sight and Rear V Sight; Gun Metal Finished Barrel; Genuine Walnut Turned Stock with Pistol Grip; Length, 36 inches; Weight, 3 lbs.

	Per Dozen	Suggested Retail Price Each
No. BS—Weight per Case, About 38 lbs. Packed One in a Container; One Dozen in a Case	**$32.40** 66 00	5.50



BENJAMIN 25 SHOT REPEATER
MODEL 700

Shoots Steel Air Rifle Shot with Compressed Air; New Bolt Action Auto Loading Model; a Full Charge of Air Requires Ten or Twelve Pumps which is Good for the First Four or Five Shots, then a Few Pumps, which will Restore Power which was Used; A Perfect Light Hunting and Practice Arm; Equipped with Hair Trigger and Safety; Front Blade Sight and Rear V Sight; Gun Metal Finished Barrel; Genuine Walnut Turned Stock with Pistol Grip; Length, 36 inches; Take Down.

	Per Dozen	Suggested Retail Price Each
No. BR—Weight per Case, About 45 lbs. Packed One in a Container; One Dozen in a Case	**$126.00** 90.00	7.50

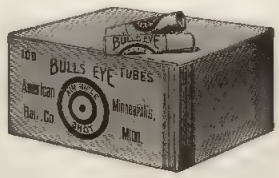
AIR RIFLE SHOT

Remington
RED TOP
LEAD

Highly Polished Shot, Uniform size and shape; Put Up in Convenient Red Top Tubes; Made by the Remington Special Process; Will Fit All Air Rifles.

	Per Case
No. RTS—(5 Cent Size); Weight per Case, 20 lbs.	**$4.80**
No. RT10—(10 Cent Size); Weight per Case, 27 lbs.	5.80

NOTE—We Will Not Break Cases



BULLSEYE
STEEL
New Coppered Finish; Handy Retailers' Package

Large Size, 3-ounce Tube, Containing Approximately 200 Pellets; will Fit All Air 100 Rifles; Small Tubes in a Case; Size of Case, 8¾x9½x4 inches.

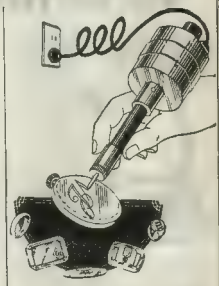
	Per Case
No. TARI—Weight per Case, 20 lbs.	**$5.80**

NOTE—We Will Not Break Cases

Convenient Home Electrical Devices

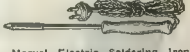
Vogue Electric Embossing Pencil. Embosses on leather, wood, silk, paper and other materials. Writes like pencil. Complete with 5 rolls colored foil in gold, silver, red, green, and blue.
No. 3G25. Per set..... .75
No. 3G25/1. Extra rolls of foil, large size. Per roll..... .15
State color wanted.

"Klenzair" Air Washer. Washes, cools, and deodorizes the air. Gets rid of dust and pollen. For use in home, shop or office wherever humans live. Compact, portable, room-size unit. Body of rust-resisting steel, finished in walnut color. Monel-metal spray disks. Complete with 10-foot Underwriters' approved cord and standard plug. Standard 2-speed motor for 60 cycle A.C or D.C. current. 'On and Off" toggle switch. Height 40 inches.
No. 3G39. Each..... 17.25



Electric Engraving Tool. Writes like a pencil, cuts like a chisel. Easy, simple to operate. No skill required—everyone his own engraver. Engraves on most any metal as well as on bakelite, Catalin, ivory and wood. Nickel plated finish. Complete with 6½-foot cord, "On and Off" switch. A.C. only, 110 volts.
No. 3G37. Each..... 4.90

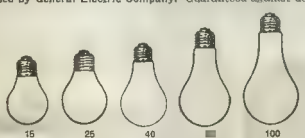
Electric Flood-Light. Covers entire surface 12 to 14 feet. Metal corrugated reflector. Complete with Universal bracket, socket and separable plug, 4-foot heater cord, snap-on shutter and set of 6 assorted color screens. Diameter 10¾ inches.
No. 6G7. Each..... 2.50



Marvel Electric Soldering Iron. Handy for household use. 10¼ inches overall. Solid copper 2¾-inch tip, 4-foot approved cord. Sealed porcelain insulated element, 40 watts. Guaranteed one year.
No. 3G31. Each..... .30

Champion Electric Lamp Bulbs

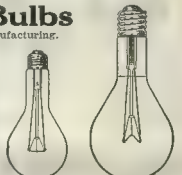
Licensed by General Electric Company. Guaranteed against defects in manufacturing.



The Standard Line 1000 hour, inside Frosted Lamps (A type), 115 volts. Fitted with medium or standard screw base. They produce bright illumination, are efficient, and easily cleaned.

Outdoor Service. The 40, 60 and 100 watt lamps are C (gas filled), and should not be used out of doors, unless protected from rain or snow.

No.	Watt	Carton Contains	Price Each	No.	Watt	Carton Contains	Price Each
7G1.	15	6	.12	7G4.	60	6	.12
7G2.	25	6	.12	7G5.	100	6	.15
7G3.	40	6	.12	7G7.	150	6 not illustrated	.25



Clear Glass Gas Filled Lamp for general lighting service. Also suitable for floodlighting service. (P. S. Type)

No.	Watts	Base	Each
7G10.	150	Standard...	.30
7G11.	200	Standard...	.42
7G12.	300	Standard...	.68
7G13.	300	Mogul.....	.68
7G14.	500	Mogul.....	1.15

Can furnish any type and color lamp in Champion brand. Write for quotations.

Electric Hair Dryers and Appliances

Electric Hair Dryer with Adjustable Stand. An efficient, good looking motor-driven hair dryer, mounted on a flexible gooseneck stand, with cast iron base to prevent tipping! Quiet, speedy induction-type motor (no radio interference); specially designed fan; new type element, wound with nichrome resistance wire; and safety screen guard at end of blower. Underwriters' cord, to match finish. 350 watts, 115 volts, A.C. only.

No. 10G17. Each..... **2.35**

Gilbert Electric Hair Dryer. Powered by quiet induction "non-radio interfering" motor which operates on 110 volts A.C., 60 cycles only. Substantial flow of hot air dries hair quickly. Finished in ivory Complete with cord and plug cap.

No. 5G2. Each..... **2.60**

Electric Hair Dryer, Blower type. A high grade quality dryer that develops a hot blast, assuring the user of perfect, thorough drying in the shortest length of time. Designed for drying hair, fabrics, shoes and wherever heat application is desired. Specially designed for home use, although extensively used in beauty parlors and barber shops. Genuine nichrome wire element, enameled wood handle.

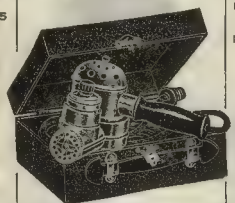
No. 3G16. Each..... **1.25**

As above with stand.

No. 3G27. Each..... **1.80**

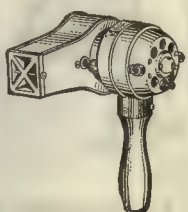
Hamilton Beach Hair Dryer. Hot or cold air as desired. Universal motor speedy and quiet. Operates on A.C. current only. Finished in ivory with hardwood handle. Dryer may be removed from stand for hand operation. Guaranteed by manufacturer.

No. 49G1. Each..... **8.92**



White Cross Hair Dryer. The ideal dryer for all purposes. Dries a heavy head of hair in a few minutes. Instant heat change, hot or cold air at the snap of a switch. Complete with cord and plug and packed in a fine leatherette carrying case, nickel trimmed. Amperes, hot hair 3.5. Furnished for 110 volts

No. 3G3. Each..... **8.82**



New Gilbert Hair Dryer, generates either hot or cold air. Convenient toggle switch, ivory colored frame, hardwood handle. Operates on either A.C. or D.C. current.

No. 5G3. Each..... **3.87**

Triple Tap Outlet. Made of soft rubber, 10 feet of Rayon Cord and Tap On Plug, retaining original outlet. Suitable for baseboard or table outlet.

No. 76G81. Each..... **.82**

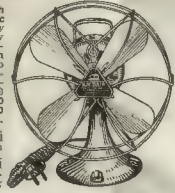
Bowl - Type Heater. The unquestioned Value Leader among chromium plated Reflector Room Heaters! Full 10-inch bowl, mounted on tip-proof cast iron base, and finished in Apple Green enamel. Removable type (patented) element of genuine TOPHET resistance wire.

No. 10G10. Each..... **1.00**

Colored Curling Irons. Nickel plated rod and clamp, highly polished colored wood handle, with 6-foot cord to match. Colored non-heating thumb button. Nichrome heating element guaranteed one year. Comes in assorted attractive colors.

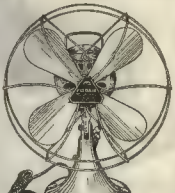
No. 10G4. Each..... **.40**

Electric Fans That Will Give Dependable Service



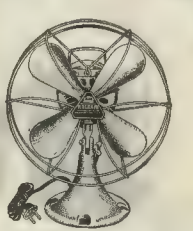
"Koldair" 8 - Inch Stationary Electric Fan. A wonderfully efficient fan at a low price. Quiet, full-powered induction type motor (no radio interference), self-aligning oil-less bearings. Rated at 40 watts. **Operates on 110 to 120 Volts, 50 to 60 Cycles, A.C. only.** Rubber footed base, sturdy sheet steel blades. Finished in frosted green enamel. Cadmium plated guard. Each in carton. Shipping weight about 4¼ lbs.

No. 7C8. Each..... 1.10



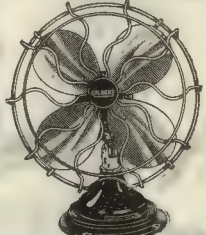
"Koldair" 10 - Inch Oscillating Fan. Powerful smooth running induction type motor (no radio interference), self-aligning oil-less bearings. Sturdy slow-action oscillating mechanism. Rated at 55 Watts. **Operates on 110 to 120 Volts, 50 to 60 Cycles A.C. only.** Cast base, deeply pitched sheet steel blades. Finished in frosted green enamel. Cadmium plated wire guard. Each in carton. Shipping weight about 8½ lbs.

No. 7C9. Each..... 3.85



"Koldair" 8-Inch Oscillating Fan. Powerful smooth running induction type motor (no radio interference), with self-aligning oil-less bearings. Rated at 40 Watts. **Operates on 110 to 120 Volts, 50 to 60 Cycles, A.C. only.** Rubber footed base, deeply pitched sheet steel blades. Finished in frosted green enamel. Cadmium plated guard. Each in carton. Shipping weight about 4½ lbs.

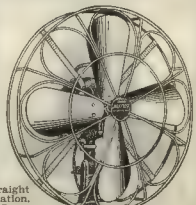
No. 7C10. Each..... 2.35



Gilbert 12-Inch Oscillating Fan. Non-radio interference induction motor. **Operates on 110 Volts, 60 Cycles, A.C. only.** Draws about 45 Watts. Oscillating movement equipped with automatic safety release. May be operated as a non-oscillating fan. Self-aligning bronze bearings. Drawn steel base. Motor shell 2 parts drawn steel. 4 chromium plated blades. Motor base and double ring guard in black finish. Two speeds and stop switch. Each in carton. Weight about 10¾ lbs. No. 7C30. Each..... 7.85

Heavy Duty Fans

"Jack Frost" Heavy Duty 12-Inch Oscillating Fan. Built for efficiency and long service. Equipped with powerful heavy duty induction type motor (no radio interference). Wick - oiled phosphor bronze bearings and grease packed oscillating mechanism. Streamline cast base frosted black finish, chromium plated blades. Attractive safety guard. 2-speed and stop switch, 3-position selective oscillation. Rated at 60 Watts. **Operates on 110 - 120 Volts, 50 - 60 Cycles, A.C. only.** Each in carton. Shipping weight about 18 lbs. No. 7C12. Each..... 8.75



"Jack Frost" Heavy Duty 16-Inch Oscillating Fan. A splendid, heavy duty fan with full - powered induction type motor. Wick - oiled phosphor bronze bearings, Tobin bronze and cut steel gear oscillating mechanism, operating in grease. Heavy cast housing and felt covered base finished in frosted black enamel, chromium plated steel blades, heavy wire safety guard. 3 speeds, Straight or 2-position oscillation. Rated at 100 watts. **Operates on 110-120 Volts, 50-60 Cycles, A.C. only.** Each in carton Shipping weight 37½ lbs.

No. 7C13. Each.. 16.75

Double Barrel Shot Guns

LEFEVER NITRO SPECIAL

LEFEVER
HAMMERLESS

Lefever Special; Well Finished; Built to Shoot Right and Stand Up Under All Conditions.

Barrels—Are of Nitro Special Steel and Carefully Tested; Left Barrel, Modified or Full; Right Barrel, Cylinder or Modified.

Frame—Case Hardened.

Stock—American Walnut; Half Pistol Grip; Rubber Butt Plate, 14 inches Long with 2¼ inches Drop at Heel.

	Each	*Suggested Retail Price Each*
No. LF12—12 Gauge; 30-inch Barrels; Weight Each, 7¼ lbs.	$44 00	27.50
No. LF16—16 Gauge; 28-inch Barrels; Weight Each, 6¾ lbs.	44.00	27 50
No. LF20—20 Gauge; 26 and 28-inch Barrels; Weight Each, 6¼ lbs.	44.00	27.50
No. LF410—410 Gauge; 26-inch Barrel; Chambered for 3-inch Shells; Weight Each, 5¾ lbs.	44.00	27.50

One in a Box; Ten in a Case; Weight per Case, About 100 lbs.

ITHACA FIELD GRADE DOUBLE

ITHACA
HAMMERLESS
Field Grade

The Ithaca Double has Three Separate Safety Indicators Consisting of the Letter "S" Seen Just in Front of Safety Slide; a Red Spot Just in Back of Safety Slide; and Two Indicator Pins Projecting Out of the Frame; D & E Foreend Fastening; Latest Model Bolt and Top Lever Which is Easily Operated with the Thumb.

Barrels—Smokeless Powder Steel, Fully Guaranteed.

Stock—Made of Black Walnut; Hand Checkered; Full Pistol Grip.

Locks — Lighting Lock — the Same as Used in the Higher Grades.

	Each	*Suggested Retail Price Each*
No. IF12—12 Gauge; 30 and 32-inch Barrels; Weight Each, 6½ to 7½ lbs.	$66 00	39.75
No. IF16—16 Gauge; 28 and 30-inch Barrels; Weight Each, 6 to 6¼ lbs.	66 00	39 75
No. IF20—20 Gauge; 26 and 28-inch Barrels; Weight Each, 5¾ to 6 lbs.	66 00	39.75
No. IF410—410 Gauge; 26-inch Barrel; Chambered for 3-inch Shells; Weight Each 5½ to 5¾ lbs.	66.00	39.75

One in a Box; Ten in a Case; Weight per Case, About 100 lbs.

FOX STERLINGWORTH

All Working Parts Made of Hardened Steel, Drop Forgings, Finely Finished and Polished; All Parts Interchangeable; Heavy Compensating Rotary Bolt Through the Extension Rib; Coil Main and Top Lever Springs; Guaranteed Against Breakage for All Time; Guaranteed to Shoot Any Smokeless Powder and Not Shoot Loose; All Parts Replaced Free of Charge which at Any Time Prove Defective.

Barrels—Sterlingworth Fluid Compressed Steel; Full Choke Bored; Guaranteed for Either Smokeless or Black Powder.

Stock—Finest Quality Dark American Walnut, Finely Checkered; Full Pistol Grip with Rubber Cap; Hard Rubber Butt Plate; Length, 14 inches.

Fore End—Dark American Walnut with Patent Snap.

Without Ejector

	Each	*Suggested Retail Price Each*
No. 8012—12 Gauge; 28 and 30-inch Barrels; Weight Each, 7½ to 7¾ lbs.	$66.00	39 50
No. 8016—16 Gauge; 26 and 28-inch Barrels; Weight Each, 6¾ to 7¼ lbs.	66.00	39 50
No. 8020—20 Gauge; 28-inch Barrel; Weight Each, 6 to 6½ lbs.	66.00	39.50

One in a Box; Ten in a Case; Weight per Case, About 100 lbs.

Double Barrel Shot Guns

WINCHESTER

MODEL 21, HAMMERLESS, DOUBLE GUN

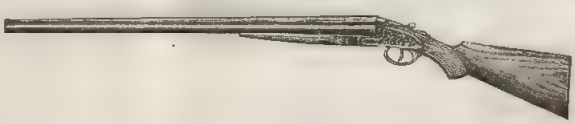
A Double Gun Embodying Practically All the Features Found in Arms Selling at Great Deal Higher Prices; No. 81A Winchester Front Sight; Winchester Automatic Safety; Left Barrel Full Choke, Right Barrel Modified Choke.

STANDARD GRADE WITH DOUBLE TRIGGER

Standard Grade Walnut Stock with Pistol Grip and Fluted Comb and Foreend; Both Stock and Foreend Handsomely Checkered, Standard Stock is 14 inches Long, 1 9/16-inch Drop at Comb, 2½-inch Drop at Heel; Circumference of Grip About 4⅝ inches; Winchester Special Steel Barrel.

	Each	*Suggested Retail Price Each*
No. W2112—12 Gauge; 30-inch Barrels; Weight Each, 7¼ lbs.	**$122 20**	73.40
No. W2116—16 Gauge; 28-inch Barrels; Weight Each, 6½ lbs.	**122.20**	73.40
No. W2120—20 Gauge; 28-inch Barrels; Weight Each, 6½ lbs.	**122.20**	73.40

One in a Box; Five in a Case



L. C. SMITH

HAMMERLESS

Field Grade

Especially Designed for Those Requiring a Cheap, Sound and Plainly Finished Weapon. It is Particularly Useful for Field and Marsh where Rough Usage is Required the Shooting Power Can be Relied Upon to be Fully Equal to Those of the Higher Grades; Featherweights are Made in Twelve Gauges as Light as 6¼ lbs.

Barrels—Armor Blued Steel Only; Cylinder, Modified or Full Choke Bored.

Grip—Full Pistol Grip Regular.

(NOTE—Half or Straight Grips to Order From Factory Only)

Without Automatic Ejector	Each	*Suggested Retail Price Each*
No. FS12—12 Gauge; 28, 30 and 32-inch Barrels; Weight Each, 6¼ to 8¼ lbs.	**$66.50**	40.00
No. FS16—16 Gauge; 26 and 28-inch Barrels; Weight Each, 6 to 7 lbs.	**66.50**	40.00
No. FS20—20 Gauge; 26 and 28-inch Barrels; Weight Each, 5¾ to 6½ lbs.	**66.50**	40.00
No. FS410 410 Gauge; 26-inch Barrel; Chambered for 3-inch Shells; Weight Each 5½ lbs.	**66 50**	40 00

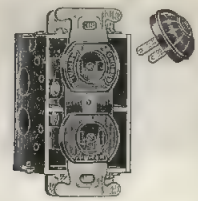
With Automatic Ejector	Each	*Suggested Retail Price Each*
No. FSE12—12 Gauge; 30-inch Barrel; Weight Each, 6¾ to 8¼ lbs.	**$90.30**	54.00
✢**No. FSE16 16 Gauge;** 28-inch Barrels; Weight Each, 6 to 7 lbs.	**90 30**	54 00
✢**No. FSE20—20 Gauge;** 28-inch Barrels; Weight Each, 5¾ to 6½ lbs	**90 30**	54 00
✢**No. FSE410—410 Gauge;** 26-inch Barrel; Chambered for 3-inch Shells; Weight Each, 6 lbs.	**90 30**	54 00

One in a Box; Five in a Case Weight per Case, About 50 lbs

Items Marked ✢ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., Fulton, N. Y.

FLUSH RADIO RECEPTACLES

Underwriters' Approved



Complete With Box and Bakelite Cap

Brown Bakelite Duplex Receptacle, One Outlet for Radio Aerial and Ground Wire, The Other Outlet for Electric Current for Radio Set. Complete with Bakelite Cap for Aerial and Ground Wires.

Each

No. 1404RB—Weight Each, 1½ lbs. **$1 60**
One in a Carton

Complete With Bakelite Cap (Less Box)

Brown Bakelite Duplex Receptacle, One Outlet for Radio Aerial and Ground Wires, the Other Outlet for Electric Current to Operate Radio Set; Complete with Bakelite Cap for Aerial and Ground Wires.

Each

No. 1404R—Weight Each, ½ lb. **$1.00**

One in a Carton

MICROPHONES

LITTLE WONDER

Now You can Put Yourself on the Air—Right on Your Own Radio; Attach a "Little Wonder" Microphone to Your Set and Make Your Own Personal Announcements and Joshings come Right Out of the Loud Speaker During a Broadcast Program; Practice Voice Auditions in the Privacy of Your Home. Amusing, Mystifying a Riot of Fun at Parties and Club Affairs; the "Little Wonder" Microphone is a Real Microphone for Home Broadcasting and it is not a Toy.

Connect it Permanently to Your Radio in a Few Moments; Does Not in Any Way Interfere with Reception When Not in Use.

Per Dozen

No. LWM—Weight per Dozen, 2 lbs.....**$14 40**

One in a Box;
Fifty Boxes in a Carton

GROUND POSTS

PREMAX

Top of Rod Prevents Clamp from Slipping off.

Clamp Adjustable; May be Fastened at Any Point of the Rod, Merely by the Turn of a Screwdriver.

Made of High Grade Coppered Steel Rod, with Top Portion Specially Treated to Insure Permanent, Clean Connection and Resist Exposure to the Elements.

Rod is ¾ inch in Diameter; Length, 4 feet.

Pointed End Assures Easy Driving, Even into the Hardest Ground.

Special Clamp Makes Perfect Connection with a Mere Turn of the Set-screw.

Heavy Screw and Nut Fasten Wire and Tighten Clamp in One Operation.

Each

No. GR4—Weight Each, 2 lbs..... .**$0 60**
Loose

LIGHTNING ARRESTORS

AJAX

Length, 3¼ inches; Width, 1¼ inches; Care, fully Made and Tested; Complete Protection for Radio Sets; Use Indoor or Outside.

Each

No. LA100—Weight Each, 4 ozs.....**$0.30**
One in a Carton

LEAD-IN STRIPS

12 inch Copper Strip, Entirely Covered with Varnished Braid; Fahenstock Clips at Each End.

Each

No. 750—Weight Each, 2 ozs..... **$0.15**
Loose

GROUND CLAMPS

Will Fit Pipes ¼ to 1½ inches Thick; Cadmium Finish.

Each

No. GC—Weight Each, 3 ozs.....**$0.10**
Loose

6 inch; Made of Copper; Adjustable to Various Size Pipe; Fahenstock Clip on One End.

Each

No. 700-5—Weight Each, 2 ozs.....**$0 10**
Loose

INSULATORS

Brown Glazed Porcelain; Length, 2½ inches.

Per Dozen

No. P32—Weight per Dozen, 1¼ lbs.....**$0.80**
Loose

Clear Glass Size, 1¼x3⅝ inches.

Per Dozen

No. G38—Weight per Dozen, 2½ lbs.....**$1.40**
8½ Dozen in a Carton

SCREW EYES

Porcelain Insulator

Used for Insulating and Holding Wire from Building.

3 inch Screw — Per 100

No. R3—Weight per 100, 9 lbs.....**$5.40**
Loose

7 inch Screw — Per 100

No. R6—Weight per 100, 12 lbs.....**$7.00**
Loose

WIRE HOLDERS

Heavy Brown Glazed Porcelain Insulator, with Galvanized Screw Leaded In; For Use on Service Entrance, Garages, Radio Aerials, Etc.; Size of Porcelain, 2⅞x1¼ inches; Height Over All, 5 inches.

Each

No. K410.....**$0 40**

50 in a Carton; Weight per Carton, 28 lbs.

INSULATED STAPLES

Made of the Very Best Materials, of High Insulating Quality; Insulation is Moisture Proof Which Prevents Short Circuits of Wire Under Staples. For use on Radio Work, Door Bells, Telephones, Bell and Buzzer Signals.

Nos.	Lgth., in.	Wdth., in.	Wt. per 1000 lbs.	Per 1000
1	½	1/8	2	$2 80
3	¾	1/8	2	2.80
5	⅝	¼	2	2.80

Packed 50 in a Box; 20 Boxes or 1000 in a Carton

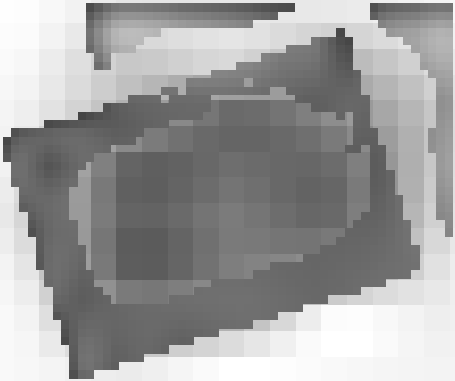
SHAPLEIGH'S POINTERS

SELL

DIAMOND EDGE

Electrician Tools—

They Stand the Gaff.

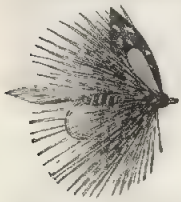


TRADE MARK REGISTERED SHAPLEIGH'S IN THE U. S. PAT. OFFICE

MAJESTIC FLY ASSORTMENTS

(Illustration Shows Assortment No. 240A)

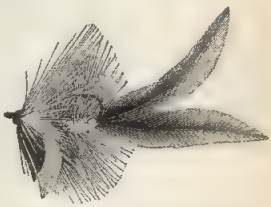
A Beautiful Counter Display Card That Increases Your Fly Business. These Panel Displays Standing 11½ inches In Height and 28 inches in Width Printed in Attractive Colors with the Flies Mounted in An Appealing Form Will Bring Results. Some Assortments Have 12 Flies, Others 24 and 48.



Per Assortment

No. 340A—Assortment Consists of 48 Strip Wing Spinner or Bass Flies Tied on No. 4 Model Perfect Hooks; There Are 2 Each of 24 Tried and True Patterns in this Display Combination..... $9.00

One Assortment on a Display Card, One Card in a Box.



Per Assortment

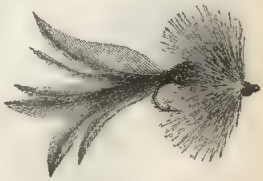
No. 240A—Assortment Consists of 24 Strip Wing Spinner or Bass Flies All with Streamer Tails; Tied On No. 4 Model Perfect Hooks. There Is One Each of 24 Tried and True Patterns in this Display Combination..... $5.50

One Assortment On Display Card, One Card in a Box.

Per Assortment

No. MFA—Assortment Consists of 48 Regular Wing Spinner or Bass Flies; Tied On No. 2 Sneck Hooks; There Are 2 Each of 24 Tried and True Patterns in this Display Combination..... $9.60

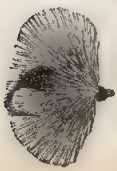
One Assortment on a Display Card, One Card in a Box.



Per Assortment

No. 440A—Assortment Consists of 24 Streamer Hackle Flies; Tied On No. 1/0 Sproat Hooks There are 2 Each of 12 Tried and True Patterns in this Display Combination..... $8.00

One Assortment on a Display Card, One Card in a Box.



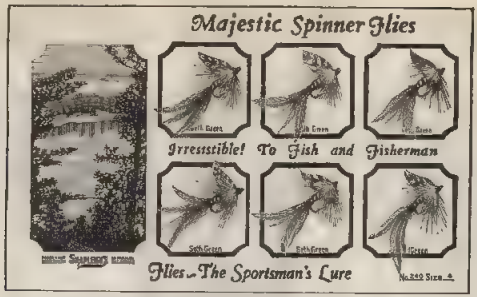
Per Assortment

No. 780A—Assortment Consists of 24 Hackle Flies; Assorted Heavy Peacock and Palmer Bodies. Tied on No. 2/0 Sproat Hooks. There are 2 Each of 12 Tried and True Patterns in this Display Combination..... $9.00

One Assortment on a Display Card, One Card in a Box.

Assortments Only Supplied as Above. Any Change in Quantity, Patterns, Size or Grade Subject to An Advance of 25% Over Regular Price and a Delay of Three Weeks.

TRADE MARK REGISTERED SHAPLEIGH'S ESTABLISHED 1843 ST. LOUIS U.S.A. IN THE U.S. PAT OFFICE MAJESTIC FLIES



(Illustration Shows Box of No. 240 Flies.)

All SHAPLEIGH'S Majestic Bass and Spinner Flies Are Packed in Display Box of Half Dozen Flies. The Attractive Box and Style of Mounting the Flies Makes Each Box of SHAPLEIGH'S Majestic Flies Practically a "Silent Salesman."

Hand Tied Upright Strip Wing Spinner and Bass Fly; Can Be Used With or Without Spinner; Tied by Experienced Tiers of the Best Materials Obtainable. Extra Fine Silk Bodies, Wings and Hackles Full Dressed.

Tied On Model Perfect Size 4 Hooks.

Patterns Carried in Stock

Black Gnat	Grey Hackle	Olive Dun
Black Hackle	Grizzly King	Parmacheene Belle
Blue Bottle	Guinea	Red Ibis
Brown Hackle	Jock Scott	Royal Coachman
Cahill	Jungle Cock	Seth Green
Calif. Coachman	Lord Baltimore	Undertaker
Coachman	March Brown	White Miller
Ginger Quill	Montreal	Yellow May

Per Gross

No. 240—Half Dozen Flies on Display Card.....$27.00
One Card in a Box
We Do Not Break Boxes

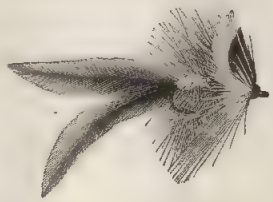
Hand Tied Regular Upright Wing Spinner and Bass Fly; Effective With or Without Spinner; Tied by Experienced Tiers of Best Materials Obtainable. Fine Silk Bodies. Wings and Hackles Full Dressed. Tied on Sneck Size 2 Hooks.

Patterns Carried in Stock

Bee	Grizzly King	Queen of Waters
Black Gnat	Jungle Cock	Red Ibis
Black Hackle	King of Waters	Royal Coachman
Blue Bottle	Lord Baltimore	Seth Green
Brown Hackle	McGinty	White Miller
Coachman	March Brown	Yellow May
Cowdung	Parmacheene Belle	Yellow Sally
Grey Hackle	Professor	

Per Gross

No. MF—Half Dozen Flies on Display Card.....$27.00
One Card in a Box
We Do Not Break Boxes



Hand Tied Upright Fancy Strip Wing Fly With Streamer. Effective With or Without Spinner; Tied by Experienced Tiers of the Best Materials Obtainable. Extra Fine Silk Bodies, Wings and Hackles Full Dressed.

Tied On Model Perfect Size 4 Hook.

Patterns Carried in Stock

Black Gnat	Grey Hackle	Olive Dun
Black Hackle	Grizzly King	Orange Hackle
Blue Bottle	Guinea	Parmacheene Belle
Brown Hackle	Jock Scott	Red Ibis
Cahill	Jungle Cock	Royal Coachman
Calif. Coachman	Lord Baltimore	Seth Green
Ferguson	March Brown	Undertaker
Ginger Quill	Montreal	Yellow May

Per Gross

No. 240—Half Dozen Flies in a Display Card.....$33 00
One Card in a Box
We Do Not Break Boxes

Hand Tied Reversed Regular Wing Spinner and Bass Fly; Effective With or Without Spinner; Reversed Wings Act as a Guard Making the Fly Practically Weedless; Tied by Experienced Tiers of Good Quality Material; Fine Silk Bodies; Wings and Hackle Full Dressed.

Tied on Sproat Hooks Sizes 1, 1/0 and 2/0.

Patterns Carried in Stock

Black Gnat	Jungle Cock	Royal Coachman
Black Hackle	Lord Baltimore	Undertaker
Brown Hackle	Montreal	White Miller
Coachman	Professor	Yellow May
Grey Hackle	Red Ibis	

Per Gross

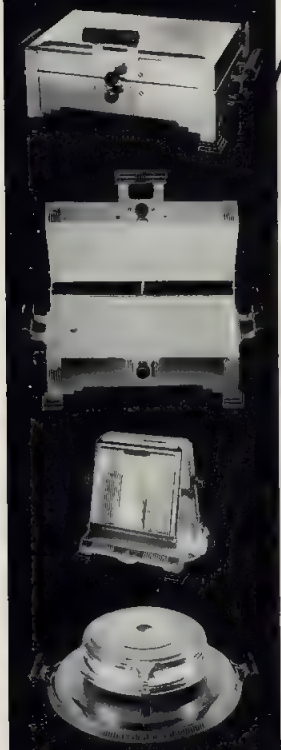
No. 200E—Half Dozen Flies on a Display Card.....$33 00
One Card in a Box
We Do Not Break Boxes

Patterns and Sizes Listed On This Page Carried in Stock; Any Other Pattern or Size Made To Order Only At 10% Advance in Price and Two Weeks Delay.

MATCHED ★APPLIANCES★ by MANNING-BOWMAN

NOW IN THE BEAUTIFUL HARMONY PATTERN a complete and beautiful matched service of MANNING BOWMAN ELECTRIC TABLE APPLIANCES. Just as the smartly correct table setting has always included matched silver, matched china, matched glassware or matched linen so today's hostess brings the convenience of electric appliances to the table with this charmingly correct Harmony Pattern of Matched Appliances.

Prices Subject to Wholesale Discounts. See Page 2.



COOKER-WAFFLE IRON GRILL

This double-utility Cooker is designed to please the most particular. Chromium plated finish resists tarnishing. Extremely versatile. In addition to broiling sandwiches, it also makes delicious cakes. It can be converted into an electric oven that bakes, steams and roasts. The model pictured above is the cooker when cover is removed and the illustration opposite is the cooker with the oven cover in place. Supplied with two reversible grids and with four cooking utensils, cake, meat loaf, vegetable dish, pie. Recipe and instruction booklet packed with each unit. An interchangeable waffle grids are also supplied. Size of grids 7 x 7 inches. Overall length 12½ inches. Width 9 inches. Height 6¾ inches. Finished handles and knobs. Grease drip and removable grease pan. 6 foot cord. A.C. or D.C.

DE6526 Cook All Complete **$22.50**
Cooker, Waffle grids, recipes, etc.

WAFFLE IRON

A new heavy waffle iron with a distinctive modern design, chromium plated finish, and contrasting black feet and knobs. Has indicator to show when to remove baking temperature. Diameter of grids 7 inches. Baking ring on lower grid. Diameter of base including handles 12⅝ inches. Height 8⅝ inches. 6 foot cord. A.C. or D.C.

DE6528 Waffle Iron **$8.90**

CHAFING DISH

This attractive chafing dish utilizes the cooking of delightful omelets, omelets, rabbits, and other delicacies right at the table. Beautifully finished in tarnish resisting chromium with white inner lining. Stands low and safe in addition to regular cooking unit keeps foods piping hot. Capacity of pan 3 pints. Diameter 11¾ inches. Height 8 inches. 6 foot cord. A.C. or D.C. Recipes in each package.

DE6530 Chafing Dish **$22.50**

TOASTER

The smart style of the Harmony pattern and the beauty of its sparkling non-tarnishing chromium plated finish makes this a very attractive toaster. Speedy operating efficiency. Toasts two slices at one time. Special mica wound heating element. Simply lowering the doors automatically turns the bread for toasting on the other side. Black moulded feet and knobs. Height 7½ inches. Length of base 7½ inches. 6 foot cord. A.C. or D.C.

DE6527 Toaster **$4.70**

COFFEE SERVICE

Every detail of this newest Coffee Service suggests a new brilliance and smartness. Finished in beautiful tarnish resisting chromium plate with all hard rubber knobs in contrasting black. The silex cup is especially graceful in design. The sugar and creamer are conveniently nested on a small tray, the large tray, 12 x 19 inches, is an unusually fine serving piece. The urn has a safety fuse device, dripless type faucet and a 12⅝ inches high. 6 foot cord. A.C. or D.C.

DE6529 Coffee Service 5 pieces as illustrated **$37.30**

PERCOLATOR

The refreshing appeal of the new Harmony pattern has been adapted to this distinctive percolator. Here is tarnish resisting chromium plated finish with contrasting black handle, knob, and feet. Available in 2 sizes. Safety fuse device. Dripless type spout. 6 foot cord. A.C. or D.C.

DE6531 Percolator **$10.30**
Capacity 4 cups. Height 11 inches.

DE6532 Percolator **12.70**
Capacity 9 cups. Height 12½ inches.

ELECTRIC TABLE APPOINTMENTS

MANNING BOWMAN APPLIANCES

Manning Bowman a name with over 75 years of manufacturing skill back of it. The electrical appliances illustrated here carry with them the guarantee of this company which is backed up with a record of outstanding achievements. Attractively designed, well made and beautifully finished in non-tarnishing chromium plate they will last for years and give satisfaction and service. All appliances are approved by the National Board of Underwriters.

Prices Subject to Wholesale Discounts. See page 2.

THE NORHAM

A fine Urn Set, effectively designed and finished in gleaming non-tarnishing chromium plate. Handles are black marblette. Sugar and cream are gold lined. Urn has safety fuse protector. Capacity 9 cups. Height 14 inches. Size of tray including handles, 20 x 11⅞ inches. 9 foot cord. A.C. or D.C.

DE6533 Urn Set, 4 Pieces, as Illustrated $29.80

THE CANTERBURY

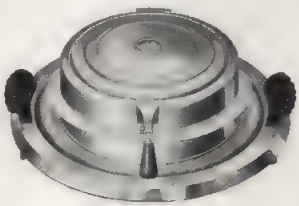
A De Luxe coffee service finished in sparkling non-tarnishing chromium plate. Distinctive in design with square base and black marblette handles with ivoroy ends. Sugar and Cream are gold lined. Urn has safety fuse protector. Capacity 9 cups. Height 15 inches. Size of tray including handles 22 9 x 11⅛ inches. 6 foot cord. A.C. or D.C.

DE6534 Urn Set. 4 Pieces, as Illustrated . $44 80

THE STANWICK

This automatic waffle iron with its smart black plastic rings and Lustrous chromium plate finish has won instant approval. Adjustable heat control for making light, medium, or dark waffles. Light signals when waffles are baked and current shuts off automatically. Batter drip ring. Fine Chassis and scratch proof feet. Diameter of grids 7 inches. Base 11¾ inches. Height 4 inches. 6 foot cord. **Alternating current only.**

DE6535 Waffle Iron $15.70



THE CHATHAM

A fine waffle iron with a heat indicator and finished in non-tarnishing chromium plate. Heat indicator tells the proper baking temperature. Batter dripping. Black handles and scratch proof feet. Diameter of grids, 7 inches. Base 11¾ inches. Height 3¾ inches. 6 foot cord. A.C. or D.C.

DE6536 Waffle Iron $7.90

THE FERNLEIGH

An excellent value in a 2 slice toaster. Chromium plate finish with black handles and scratch proof feet. Lowering door automatically turns the toast. Height 7¾ inches. Size of base 7 x 6½ inches. 6 foot cord. A.C. or D.C.

DE6537 Toaster $4.50

ROOM HEATER

DE6538 . . $12.70

Just turn the switch and a noiseless electric fan forces a gentle warm breeze wherever desired. Wire grill in front and back protects against accidents beautifully finished in white enamel with black trim and base. Height 14 inches, width 11¾ inches. 6 foot cord. A.C. or D.C.

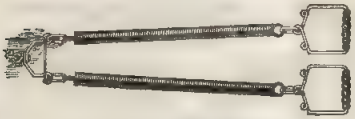
AUTOMATIC ELECTRIC TOASTER

A beautiful toaster finished in gleaming non-tarnishing chromium plate. Toasts two slices of bread on both sides at the same time. Current automatically shuts off when toast is done. Adjustable heat control for light, medium, or dark toast. Removable crumb tray at bottom. Black handles and scratch proof feet. Height 7½ inches. Size of base 8 x 6 inches. 6 foot cord. A.C. or D.C.

DE6539 Automatic Toaster .. . $17.80

EXERCISERS.

CROWN STRENGTHBUILDER.



As an Exerciser.

Made of the finest quality crucible spring steel.

To use as a chest pull, attach the side eyes of handle to clip end of the spring.

To use as an exerciser, attach one clip end of spring to center eye of each handle and the other end of spring to eye of the swivel top piece, then by inserting screw hook into any convenient place in room, can be easily removed when not in use.

Each

No. S-CE—Exercisers; nickel plated; complete with instructions; weight each, 2½ lbs. **$2.70**

One in a box.

WHITELY.

Ideal for the home gymnasium since it is light in weight, easily set up and useful for a greater variety of all-round exercise than any known type of exerciser. The lively, powerful cables run smoothly over frictionless pulleys. Lacquer enamel handles in colors to match cables. Illustrated course and wall hooks with each outfit. Nickel plated steel pulley frames with enameled wood pulley wheels.

Each

No. S-1—Exercisers; light tension; for children **$2.40**

No. S-2—Exercisers; medium tension; for boys and women **3.00**

No. S-3—Exercisers; heavy tension; for young men **3.60**

No. S-4—Exercisers; extra heavy tension; for athletes **4.20**

One in a box.

ROWING EXERCISERS.

DANDY.

Frame is constructed entirely of steel, rigidly welded. The side railsare structural steel channels designed with the proper slope to provide the necessary seat resistance. The entire steel frame is cadmium plated. Large wooden front pulleys assure an even pull in almost all directions. Wood grip swivel handles secured to sash cord through heavy nickel plated wire frame. A strong wooden platform securely bolted to main frame is provided for standing exercises. An all aluminum seat provided with noiseless rubber tired rollers, assures easy gliding and comfort. All machines are cushioned on rubber bumpers.

Each

S-Dandy Exercisers—Length over all, 4 feet 2 inches; weight, 15 lbs. **$6.00**

DUMB BELLS.

IRON.

Cast iron, japanned.

No. S-J—Dumb Bells.

Weight each, lbs.	1	2	3	4	5
Per pair	$0.48	.96	1.44	1.92	2.40

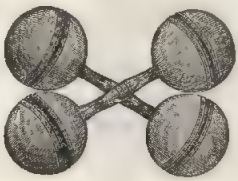
No. S-J—Dumb Bells.

Weight each, lbs.	8	10	15	20	25
Per pair	$3.84	4.80	7.20	9.60	12.00

Per Pound

No. S-J—Dumb Bells; larger than 25 lbs. **$0.16**

WOOD.



Maple, fine oil finish

S-Dumb Bells.

Weight each, lbs.	½	¾	1	1½	2	3
Per Pair	$1.06	1.28	1.54	1.80	2.30	2.98

In bulk.

INDIAN CLUBS.

Maple, fine oil finish.

S-Indian Clubs.

Weight each, lbs.	½	¾	1	1½	2	2½	3
Per Pair	$1.28	1.46	1.68	2.04	2.48	2.76	2.98

In bulk.

Practical Equipment For The Outdoor Sportsman

MARBLE'S BELT AXE NO. 9

A very popular axe with Boy Scouts as well as sportsmen. The tempered head will [illegible] The accurately machined eye is fitted perfectly by the hand [illegible] to give the greatest amount of bearing surface on the handle. These are features that are exclusive in Marble's tool steel axes. Weight 20 ounces. Solid steel blade, 2½x4½ inches. Handle, 14 inches.

313 H01. Each $2.10
313 H02. Sheath, as illustrated above. Each 1.04
313 H03. Extra Handle. Each 56

MARBLE'S SAFETY POCKET AXES

Hickory Handle

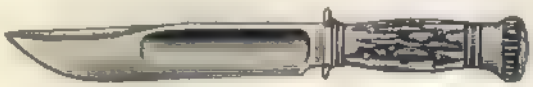
Weight, 16 oz., length 10½ in. Solid steel blade, 2⅛x4¼ in.
313 H04. Each $2.80
Weight, 20 oz., length, 11½ in. Solid steel blade, 2⅝x4⅜ in.
313 H05. Each 3.14

MARBLE'S IDEAL KNIVES NO. 45

Leather handle. Has hilt. Furnished with leather sheath

Marble Ideal Knives have a heavy tang onto which are driven washers made of sole leather, red and black fibre and brass. Bolster is brass. Tip is aluminum. All parts held rigidly in place by a round brass nut sunk into tip, engaging the threaded tang. Finest forged steel blade, expertly tempered, polished and sharpened to a keen edge.

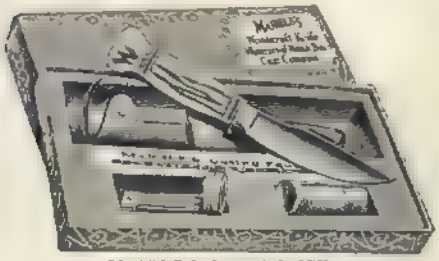
313 H06. 4¼-in. blade, with sheath. Weight, 6 oz. Each $3.50
313 H07. 5 -in. blade, with sheath. Weight, 7 oz. Each 3.84
313 H08. 6 -in. blade, with sheath. Weight, 8 oz. Each 4.20



MARBLE'S IDEAL HUNTING KNIFE, STAG HANDLE NO. 46

This knife has won a world wide reputation, keen, heavy and beautifully made. Sheath furnished with each knife. Real Staghorn handle

313 H09. Blade, 5 inches. Each $4.90
313 H10. Blade, 6 inches. Each 5.24



MARBLE'S OUTER'S SET

Consists of one each No. 50 genuine Staghorn Handle Woodcraft Knife in leather sheath, No. 181 Waterproof Matchbox, and No. 182 Coat Compass, put up in an attractive package.

These items are a necessary part of the equipment of every sportsman and scout. Each insures the safety and convenience of the owner.

313 H11. Per Set $7.00
313 H12. No. 50 Hunters' Knife with sheath. 4 -in. Each $4.20
313 H13. Coat compass only. 1.74
313 H14. Match Box only. 1.84

We have limited these items after a careful survey and feel that with this selection you will be able to take care of your customers immediate wants without any difficulty

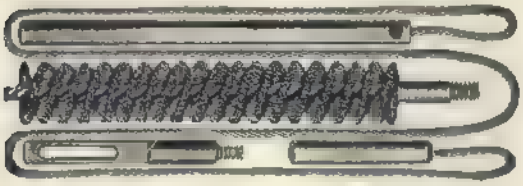
MARBLE'S GIFT SET

An ideal gift—one that every sportsman, boy scout and lover of the out-of-doors will appreciate. While inexpensive, no other gift will give greater delight, be more useful or last longer. Consists of No. 184 Compass and No. 181 Matchbox, put up in an attractive case.

313 H15. Each $2.44

Compass only.
313 H16. . . . . 1.40

Match Box only.
313 H17. 84



UNITED STATES GOVERNMENT CLEANERS

The United States Government Rifle Cleaner is a tool which every sportsman and target shooter will appreciate. It consists of a bristle brush and slotted wiper, with detachable cord and weight for dropping through barrel. A separate slotted wiper is furnished for pulling through a dry cloth for oiling purposes.

Piece for 22, 25, 30, 32, 38 and 45 calibers.
313 H18. Each $0.35

TOMLINSON GUN CLEANER

This cleaner will fit any standard rod and is so designed as to fit the entire length of the muzzle of the gun and barrel, notwithstanding the various makes adopted by the different makers and also changes in bore sizes and there is absolutely guaranteed to remove all lead from breech or muzzle and leave the barrel especially clean.

313 H21. Price, 12, 16 and 20 gauge. Each $0.34
313 H22. Extra pads, weight 3 oz. Per pair 24

MARBLE'S JOINTED RIFLE RODS—BRASS SECTIONS, STEEL JOINTS, SWIVEL TIP

Will not "Wobble," Bend or Break at the Joints

Made with three [illegible] steel joints connected by [illegible] Sections fitted with screw joints and having smooth extension on each end. This joint insures a rigid fit unknown in other rods.

Cut below shows steel construction. Roller Bearing swivel shown above.

NOTE. The proper size jagged and slotted, detachable tips and bag are furnished with each rod. Also adapters which make rod fit any cleaner. State length of barrel.

313 H19. For 22 and 25 caliber. .204-inch diameter. Length 26, 30, 36 in. Each $1.74
313 H20. For 28 to 50 caliber. .25-inch diameter. Length 26, 30, 36 in. Each 1.74

All Prices Subject to Regular Catalog Discount

EUREKA DUCK CALL

Represents our part wood and part metal duck call, fitted with our perfection rubber reed. It is the champion duck call of the world for the price, cannot be excelled for tone and ease of blowing. It is also a crow call.

313 H25. Each $1.80

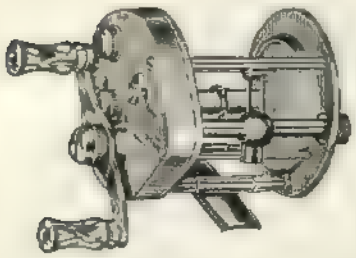
CLEANING ROD

Birchwood, three jointed, polished, patent brass joints and three implements, swab, steel brush and wiper for 12, 16 and 20 gauge.

313 H23. Price, Each $0.55

Cocobolo Wood, same as above.
313 H24. Each $1.80

Standard Fishing Reels



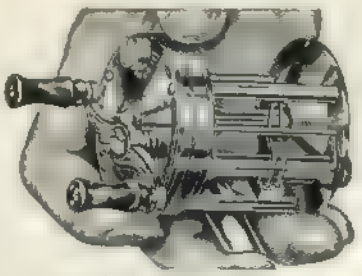
PFLUEGER SUPREME LEVEL WINDING ANTI-BACK-LASH REEL

The Level-Winding Mechanism is one of the most important in Level Winding Reels. The double threaded worm and the half nut which travel in the threads of it are made of highest quality tool steel, tempered and lapped to a dimension. These two important parts work in perfect unison and produce a level-winding action that is perfect.

The Anti Back-Lash Mechanism is constructed within the reel and automatically thumbs the spool and stops it the instant the bait strikes the water. The adjusting screw and dial regulator are so constructed that any tension desired can be secured and tension can be thrown off altogether thereby making an open level winding reel.

Geared spiral tooth gears. Phosphor bronze bearings. Adjustable back slip click. Capacity, 60 to 100 yards, according to size of line used. Each reel packed in a chamois leather bag. Satin Nickalum. 2¾-inch price 2¾ inch plate.

314 H01. Each **$33.32**



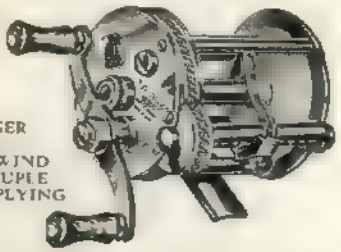
SOUTH BEND LEVEL-WINDING REEL No. 1250

The new South Bend No. 1250 Level Winding Anti-Back Lash Casting Reel is the result of an ambition to make the finest casting reel ever designed. It is for the angler who seeks the best in casting and performance, who wants a reel that can be best shown to his friends with a feeling of justifiable pride in possession.

Level Winding Carriage screw of specially selected bronze revolves in genuine phosphor bronze bushings. All parts are of the finest quality abundantly plated with bright nickel. Take-down feature permits quick cleaning and oiling.

Crank. Double grips of mottled black and white color.

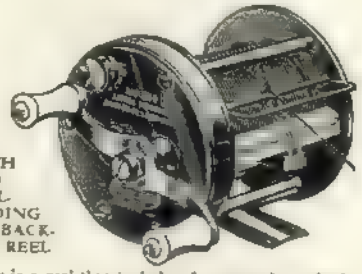
314 H02. Each **$25.90**



PFLUEGER AKRON LEVEL WIND QUADRUPLE MULTIPLYING

The Pflueger-Akron is offered to meet a demand for a Level Winding Reel—one light in weight, plenty of line capacity and constructed to insure long life and satisfactory service. Reel has been thoroughly tested in actual fishing waters and we have perfected to a point where we are willing to back up with our No Limit Guarantee against imperfect workmanship and material.

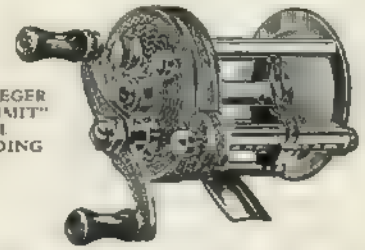
314 H03. Each in fancy card box **$7.70**



SOUTH BEND LEVEL-WINDING ANTI BACK-LASH REEL

Here is a reel that includes the original anti back lash and level-winding features at an attractive price. Frame and level winding and anti-back lash parts are chromium plated. Handle grips are of white hard rubber. Quadruple multiplying gears. Steel bearings run in bronze bushings. Jeweled spool bearings. Capacity, 100 yards of standard test Black Oreno casting line. Spool diameter, 1⅝ inches and width, 1¾ inches.

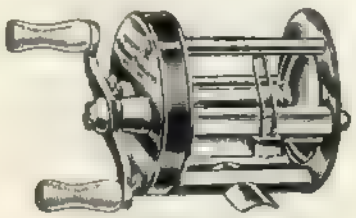
314 H04. Weight, 8½ ounces. Each **$9.80**



PFLUEGER "SUMMIT" LEVEL WINDING REEL

Quadruple Multiplying. Nickel silver treated to prevent tarnishing. Attractive ornamental design. Light in weight and strength. Free running and smooth. Mechanical appliances. Ample line capacity. Will hold 100 yards 18-lb. line. Jewelled.

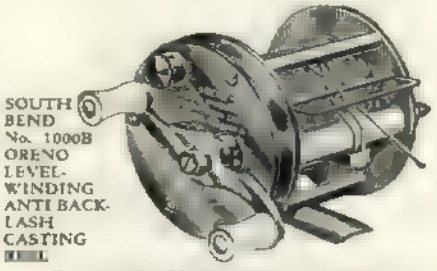
314 H05. Each **$15.40**



BRONSON'S "SILVER PRINCESS" Level Winding Reel

A level winding 3-piece takedown reel, ebony bakelite head ring. Heavily chromium plated. Cornelian agate jewels. Hexagonal spool caps. Newly designed click. New locking device. New spiral gears.

314 H06. New Duo-Pawl **$9.00**



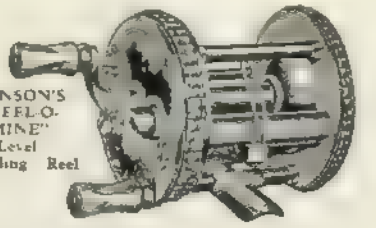
SOUTH BEND No. 1000B ORENO LEVEL-WINDING ANTI BACK-LASH CASTING REEL

For years the ORENO has been the most popular reel in the South Bend line. A special take-down feature for the level-winding device, which permits cleaning and oiling in a few seconds, is the latest addition.

Sturdy gears are of phosphor bronze while an extension type level winding carriage doubles the wearing surface of the carriage. All exterior parts are chromium plated with spool caps of genuine carnelian agate. Grips are of white Ivoroid. Quadruple multiplying gears.

Capacity—100 yards, measured by 18-pound test Black Oreno silk casting line. Spool diameter, 1⅝ inches; width, 1¾ inches. Weight, 9 ounces.

314 H07. Each **$14.00**



BRONSON'S "REEL-O-MINE" Level Winding Reel

A new level-winding, 3 piece take down reel. German Silver throughout. Silverlite chrome. Reel is fully engraved on head and tail plate. Mottled black and white bakelite head and tail ring, handles to match. Hexagonal, jeweled, adjustable spool caps. New Duo-Click. Chromium plated, phosphor bronze carriage screw. Chromium plated Duo-Pawl. Phosphor bronze spiral gears. New locking device. Adjustable, graduated drag on head plate. Can be adjusted instantly to any tension. Suitable for weight of lure. 100 yds. Wt 9 oz. Furnished with zipper buckskin bag.

314 H08. Each **$33.34**

PFLUEGER GEM REEL SINGLE ACTION

The Gem reel—made of nickalum, extremely light but strong as steel—fills the popular need for a high grade fly reel at a moderate price.

Spool quickly and easily removed by a simple but positive latch mechanism operated with one finger—no screws to twist off or become lost.

Click mechanism of latest improved design—hardened steel click tongue smooth in action and built for long wear.

Line Capacity. Based on winding the reel full with Enameled Line.

Line size	H	G	F	E
Yards	145	70	50	45

314 H09. Each **$3.40**

Note
If Interested in Reels Not Shown Kindly Write and We Will Be Glad to Send Illustrations and Prices

THE NEW MARTIN FLY-WATE

The Fly Wate is so light that it gives a perfect balance to light fly rods but it is strong enough to stand up under hard use. The winding spring is strong enough to retrieve a great length of line at one winding, depending on the size of line. The Fly-Wate is fitted with an extra large hardened steel line guide, a new spring tension lever of unusual efficient brake.

314 H10. No. 26—Carries 75 feet of G line. **Price complete** **$8.80**

314 H11. No. 27—Carries 90 feet of G line or a full 30-yard H. F. H. double tapered line. **Price complete** **$10.26**

314 H12. No. 28—Carries 150 feet of G line, 100 feet of C line or a full 30-yard H. C. H. double tapered line. **Price complete** **$11.74**

HUNTING KNIVES

MARBLE

OUTER'S KNIFE

Bone Stag Handle, Full Tang 4-inch Blade, Tempered and Polished; Length Over All, 2 inches; Complete with Leather Sheath.

Per Dozen
No. 40—Weight Each, 7 ozs. $17.00
Half Dozen in a Box

MARBLE
EXPERT

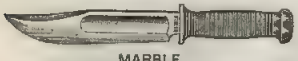
Designed for Professionals Who Require a Thin Keen Edge for Dressing Skins and Furs; Back of Blade Designed for Scraping Skins While on the Forms; Leather Handle; Aluminum Tip; Length of Blade, 5 inches; Handle, 3¾ inches; Length Over All, 9¼ inches; Complete with Russet Sheath.

Per Dozen
No. 545—Weight Each, 5 ozs. $44.00
Half Dozen in a Box

MARBLE
WOODCRAFT

Designed for All Purposes, Sticking, Skinning or Cleaning; Back of Blade is Checkered to Give Firm Grip With Thumb or Finger; Made of High Grade Steel; Laminated Leather Handle; Length of Blade, 4½ inches; Handle, 3¾ inches Long; Length Over All, 8½ inches; Complete with Russet Leather Sheath.

Per Dozen
No. 49—Weight Each, 5 ozs. $40.00
Half Dozen in a Box



MARBLE
IDEAL

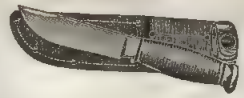
Sole Leather Washer Handle; Trimmings of Brass and Colored Hard Fiber Washers; Brass Hilt; Aluminum Tip; Complete With Orange Leather Sheath.

Nos.	Length Blade, ins.	Length over All, ins.	Wt. Each, ozs.	Per Dozen
45/5	5	9¼	6	$48.00
45/6	6	10¾		$52.00

Half Dozen in a Box

HUNTING KNIVES

MARBLE



SPORT KNIFE

Leather Handle, 3½ inches; is of Same Construction as Marble's Ideal Knife; Blade Forged from High Grade Cutlery Steel, Expertly Tempered, Polished and Sharpened to a Keen Edge.

For Outdoor or Indoor Use by the Camper, Canoeist, Hiker, Hunter, or Fisherman; Particularly Adapted to the Use of Members of Boy and Girl Scout, Campfire Girl, and Other Similar Organizations.

Per Dozen
No. 60—Weight, Each, 4 ozs. $40.00
Half Dozen in a Box

REMINGTON
OFFICIAL KNIFE
BOY SCOUTS OF AMERICA

Length Over All, 8½ inches; Blade Length, 4¼ inches, Blade and Tang One Solid Piece Steel, Mirror Finished and Etched with Official Scout Insignia; Edge Hand Honed; Handle, Leather, Colored Fiber and Brass Discs; Nickel Silver Thumb Guard; Hard, Cast Aluminum Cap; Handle Securely Locked with Countersunk Brass Nut; Sheath of Oak Tanned Leather, Imprinted with Official Scout Insigna.

Per Dozen
No. RH50 -Weight, with Sheath, 8 ozs. .. $30.00
Twelve Dozen in a Box;
Half Dozen in Carton

REMINGTON
OFFICIAL KNIFE
BOY SCOUTS OF AMERICA

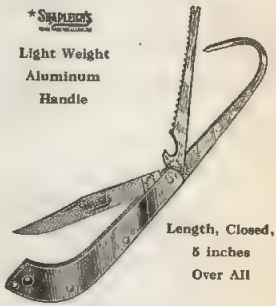
Length Over All, 8 inches; Blade Length, 4 inches; Blade and Tang, One Solid Piece Steel; Mirror Finished and Etched with Official Scout Insignia; Edge Hand Honed; Handle, Leather, Colored Fiber and Nickel Silver Discs, Securely Locked with Countersunk Brass Nut; Nickel Silver Thumb Guard; Hard, Cast Aluminum Butt; Sheath of Oak Tanned Leather Imprinted with Official Insignia.

Per Dozen
No. RH51—Weight, with Sheath, 5½ ozs. $21.60
Twelve Dozen in a Box;
Half Dozen in a Carton

FISHERMENS' KNIVES

Nickel Silver Bolsters; Non-Breakable Composition Amber Colored Handle; Brass Lining; One Long Slim Blade, 4 ins. Long; One Combination Bottle Opener, Fish Scaler and Hook Extractor Blade; Hole in Bolster for Straightening Points of Hooks.

Per Dozen
No. SO8—Weight per Dozen, 2½ lbs. .. $24.00
Half Dozen in a Box



PISTOL GRIP SHAPE

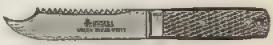
Consists of Fish Gaff, Combination Blade with Scaler, Hook Disgorger, Cap Lifter, and One Long Clip Blade, 3½ inches Long; Hole in Handle for Ring or Cord.

Per Dozen
No. SO9—Weight per Dozen, 3¼ lbs. .. $27.00
One Dozen in a Box

RUSSELL

Beechwood Handle; Full Scale Tang; Fine Grade American Steel Blade; Length of Blade, 5 inches; Glazed Finish; Saw Back for Scaling and Concaved Sharp Ground Back at Point for Ripping; Length Over All, 8⅝ inches.

Per Dozen
No. B4—Weight per Dozen, 2½ lbs. $7.20
Half Dozen in a Box



RUSSELL

Full Scale Tang; Polished Steel Lapped Bolster; Fine Grade American Steel Blade; Length, 4¾ inches; Length Over All, 8¾ inches; Glazed; Saw Back for Scaling and Concaved Sharp Ground Back at Point for Ripping; Handle Has Hole in End for String; Without Sheath.

Per Dozen
No. B3—Ebonized Handle; Weight per Dozen, 2½ lbs. $14.00
Half Dozen in a Box

SHAPLEIGH'S OUTING KNIVES

New Construction; One-Piece Full Tang Steel Construction from Tip of Blade Along Outside of Handle with End Knob Securely Riveted to it; Center Portion of Steel in Handle Removed Giving Perfect Balance and Secure Fastening of Handle Material; All Blades are Hammer Forged from the Finest Grade Special Formula Crucible Chrome Steel; Full Mirror Finished, Hand Honed and Fine Craftsmanship.

Pearl Composition Handle with Horn Celluloid Backing; Non-Breakable, 4⅝-inch Heavy Clip Blade; Complete with a Leather Sheath.

Per Dozen

No. SO5—Weight per Dozen, 6 lbs. **$48.00**

Half Dozen in a Box

Full Leather Washer Handle; 4¾-inch Blade; a General Utility Outing Knife; Complete with a Leather Sheath.

Per Dozen

No. SO6—Weight per Dozen, 5 lbs. **$27.00**

Half Dozen in a Box

Pearl Composition Handle with Horn Celluloid Backing; Non-Breakable; 4¼-inch Stiletto Type Blade; Complete with a Leather Sheath.

Per Dozen

No. SO4—Weight per Dozen, 3 lbs. **$33.00**

Half Dozen in a Box

Pearl Composition Handle with Horn Celluloid Backing; Non-Breakable; 3½-inch Clip Blade; Complete with a Leather Sheath.

Per Dozen

No. SO3—Weight per Dozen, 3½ lbs. **$33.00**

Half Dozen in a Box

Assorted Colors, Pearlite Handles; Non-Breakable; 3½-inch Clip Blade with Hilt; Complete with a Leather Sheath.

Per Dozen

No. S14—Weight per Dozen, 3½ lbs. **$30.00**

Half Dozen in a Box

FISHERMEN'S KNIVES

The Anglers' Delight

Lays Flat, Takes Little Room in Tackle Box

Blades are Hammer Forged from the Finest Grade Formula Crucible Chrome Steel; Full Mirror Finished and Hand Honed.

Full Scale Tang; Pearl Composition Non-Breakable Handle, Black Underlay; Length of Blade, 3⅛ inches; Width of Blade, ⅝ inch; Scaler Back; Double Edge Ripping Point, with Hilt; Length Over All, 7⅛ inches; Complete with a Leather Sheath.

Per Dozen

No. S16—Weight per Dozen, 2¼ lbs. **$16.00**

Half Dozen in a Box

All Blades are Hammer Forged from the Finest Grade Formula Crucible Chrome Steel; Full Mirror Finished and Hand Honed.

Full Scale Tang; Pearl Composition; Non-Breakable Handle with Black Underlay; 5-inch Clip Blade, with Hilt; Complete with a Leather Sheath.

Per Dozen

No. SO7—Weight per Dozen, 5 lbs. **$18.00**

Half Dozen in a Box

Full Scale Tang; Pearl Composition; Non-Breakable Handle, with Black Underlay; 4½-inch Clip Blade with Scaler Back, with Hilt. Complete with a Leather Sheath.

Per Dozen

No. S12—Weight per Dozen, 5 lbs. **$24.00**

Half Dozen in a Box

Full Scale Tang; Pearl Composition; Non-Breakable Handle, with Black Underlay; 4½-inch Plain Blade, withHilt; Complete with a Leather Sheath.

Per Dozen

No. S13—Weight per Dozen, 3 lbs. **$22.40**

Half Dozen in a Box

Full Scale Tang; Pearl Composition Handle; Non-Breakable; with Black Underlay; 3⅞-inch Blade; a Wonderful Utility Knife; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO2—Weight per Dozen, 2½ lbs. **$16.00**

Half Dozen in a Box

Full Scale Tang; Bone Stag Handle; 3⅞-inch Blade; a Very Good Utility Knife for All Outdoor Purposes; Each Knife Comes with a Leather Sheath.

Per Dozen

No. SO1—Weight per Dozen, 3 lbs. **$12.70**

Half Dozen in a Box

Molded Bakelite Handles, Attractive Mottled Colors; 4½-inch Heavy Clip Blade with Long Steel Tang, Firmly Set in Handle; Full Mirror Polished, Complete with a Leather Sheath.

Per Dozen

No. S10—Weight per Dozen, 5 lbs. **$17.40**

Half Dozen in a Box

Molded Black Bakelite Handles; 4½-inch Heavy Clip Blade with Long Steel Tang, Firmly Set in Handle; Complete with a Leather Sheath.

Per Dozen

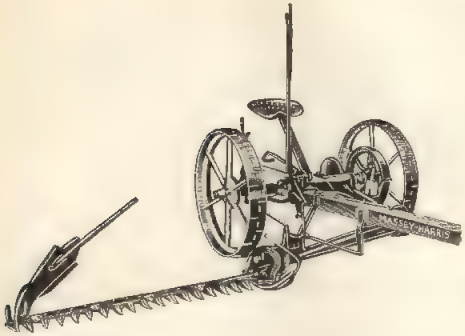
No. S11—Weight per Dozen, 5 lbs. **$20.00**

Half Dozen in a Box

For Scouting, Motorists, Fishermen, Hunting and Premium Users

MOWERS

MASSEY-HARRIS



Combined Plain and Vertical Lift

A medium frame mower that assures years and years of service.

Simple design and quality materials make it pull easily and operate smoothly.

The one-piece frame assures perfect alignment, freedom from binding.

Both vertical and plain lift.

47⅝ inch treads; 31½ in wheels; 3½ inch faces.

Complete with 2 sets of knives, 2 horse hitch and tool kit

Nos.	22B-4½	22B-5
Cutting width, ft.	4½	5
Shipping weight each, lbs.	755	760
Each	$179.25	182.25

Open stock

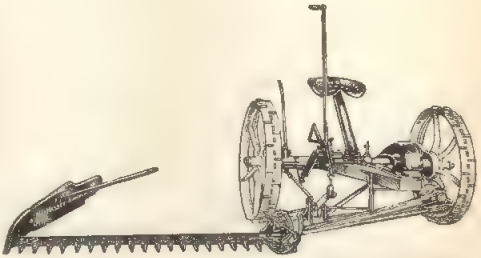
Oil Bath; Plain Lift

A new quiet, smooth-running, easy-pulling, clean-cutting and long-lasting mower.

Two sets of gears enclosed in gear case and run in oil

The bulk of gear weight is back of the axle, eliminating neck weight.

Quality ball bearings, heavy-duty roller bearings.



A new precision-lined cutting bar, developed by many exacting tests, gives free knife action with no binding or clogging.

The sturdy frame is well braced. Extra large wheels, well-lugged, prevent side slip. Latchless levers are convenient to operate

57 inch treads; 34 inch wheels; 4½ inch faces.

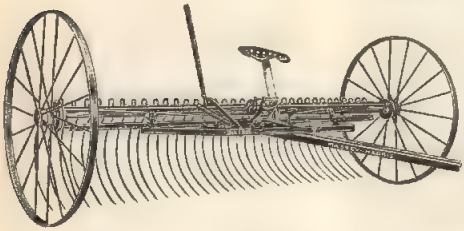
Complete with 2 sets of knives, 2 horse hitch and tool kit.

Nos.	33–4½	33–5
Cutting width, ft.	4½	5
Shipping weight each, lbs.	859	867
Each	$220.00	225.00

Open stock.

HAY DUMP RAKES

MASSEY-HARRIS



Strong crucible steel frame. Self-dumping. Single coil. Flat point teeth. Guard teeth. Large steel wheels. Equipped with lever and seat.

The roller bearing is a standard equipment. The reason for the incorporation of this feature being obviously the reduction of friction and constant wear, and a very noticeable improvement in the ease of operation.

	3–8	3–9	3–10
Nos.			
Width, ft.	8	9	10
No. of teeth	24	28	30
Size of teeth, in.	⅝	⅝	⅝
Weight each, lbs.	411	433	447
Each	$105.00	112.00	118 50

Open stock.

COMBINED SIDE DELIVERY RAKE AND TEDDER

MASSEY-HARRIS

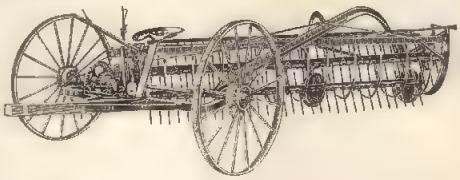
Two implements in one. Works more rapidly than a dump rake

Strong, carbon-steel angle frame, well braced. Raking cylinder carried in detachable, easy-running bearings.

Simplified gear arrangement makes operation smooth and quiet in performance.

Convenient lever controls raking cylinder. Low speed position for raking. High speed gear for tedding.

Notched lever for adjusting angle of raking teeth.



Each

No. 8—9½ ft. cylinder for hay; 46 in. steel wheels, 2½ in. tires, 2 caster wheels, long pole; wt. each 960 lbs. **$280.00**

Open stock.

POWER LIFT SWEEP RAKES

WESTERN FOUR WHEELED, WITH PUSH-OFF ATTACHMENT

Made of absolute clear timber, iron and steel.

The width is 12 feet, the teeth are 8 feet, oiled and metal pointed, the axle is a 2 inch steel pipe; back piece on teeth is 3x4 inches. The push beams are 3x4 inches. The sveners, the rear cross piece, the lever and the lever rest, are all made of clear, tough oak. The wheels are 19 inches in diameter with a 4 inch rim and have a one-piece boxing. The sweep has a steel rod truss which keeps the outside teeth and parts of the sweep from sagging. Equipped with a patented, never failing push-off attachment which works absolutely automatically without any attention from the driver Patented foot trip A bar extends back from the lever and passes under the foot rests. This bar has one notch in front of the rest and one back of it When the lever is ahead and the teeth down the rear notch drops over a cross bolt over which the bar slides and a slight pressure from the operator's foot on the trip releases it. When the lever is back and the teeth raised, the notch drops over the same cross bolt and is again released by pressing down the trip.

The new machine finished wheel bearings, with dust protectors and grease cups, are used

Each

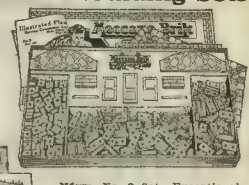
No. 4—Four wheel power lift sweep; shipping weight each 690 lbs. **$170 00**

Open stock.

Meccano Brick Sets and Konkrete Moulding Sets

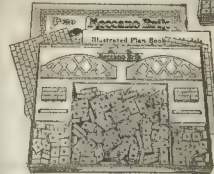
Mfgrs. No. 1 Set. A big dollar retailer. Contains liberal supply of briks in whole and half sizes—red and white. Curved metal bridge spans with angle included for specially constructed bridge models. Illustrated manual in each set makes model building easy. Assembled in four color labeled carton. Size 12⅜x8¾x2¼ inches.

No. 50N87. Per dozen..... 8.00



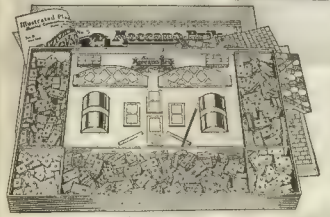
Mfgrs. No. 2 Set. Large assortment of briks, both halves and wholes, red and white, with metal bridge spans and angles—big roof design card in colors and illustrated plan book of model construction included. Assembled in 4 color labeled carton. Size 13½x9½x2 inches.

No. 50N98. Per dozen 12.00
Each 1.10



Mfgrs. No. 3 Set. Exceptional value in this outfit for the young model builder. Big assortment of whole and half size briks—metal bridge span and angles—2 metal windows—1 door and 2 specially designed roof cards in colors. Illustrated plan book of models in each set. Assembled in 4 color labeled carton. Size 18x10x2¾ inches.

No. 50N99. Each..... 2.00



MECCANO DELUXE SET

Mfgrs. No. 5 Set. DeLuxe outfit. Contains liberal supply of briks in whole and half sizes—metal bridge spans and angles—3 metal windows, 1 metal door, 3 colored roof design cards—landscape board—metal can units of green and plain sawdust and paint brush. Assortment permits construction of unusually attractive models. Assembled in 4 color labeled carton, illustrated manual included. Size 20½x13¼x3½ inches.

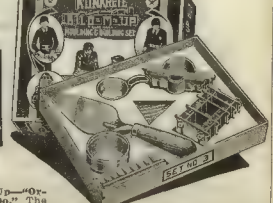
No. 50N100. Each..... 3.50

Set No. 1 contains: 17 Metal Separators, 10 Bakelite Spacers, 2 Screws with Thumb-Nuts, 1 Measure for Konkrete, 1 Measure for water, 1 One-Piece Steel Trowel. This set will make up to 24 sizes and shapes of blocks. Profusely illustrated 20 page Book of Instructions and Designs. Beautiful designed box in four colors. Size 9x7½x1½ inches.

No. 50N95. Per dozen..... 8.00

Konkrete for Bild-M-Up—"Ordinary Concrete Won't Do." The entire Bild-M-Up idea was made possible thru the discovery of this material. It is harmless, neither sloppy or dirty, light in weight and produces light weight blocks with a natural stone color and golden sparkle. May be tinted readily. Blocks may be sawed, sandpapered, nailed or glued together. Blocks may be taken from molds soon as made. Each bag contains enough Konkrete to make more than 175 half-inch blocks Size 3x4¾x10½ inches high.

No. 50N94. Per dozen bags.. 4.00



Set No. 3 Contains: 22 Metal Separators, 12 Bakelite Spacers, 2 Screws with Thumb-Nuts, 1 Measure for Konkrete, 1 Measure for Water, 1 Molding Board, 1 Brush, 1 One-Piece Steel Trowel, 1 Sanding Block and extra Sand Paper. This set makes up to 50 sizes and shapes of blocks. Profusely illustrated 20 page Book of Designs and Directions. Beautiful four-color bright box. Size 11x9 inches by 1¾ inches high.

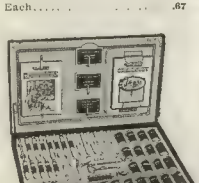
No. 50N96. Per dozen..... 10.50
Each 1.00

Gilbert Chemistry Sets

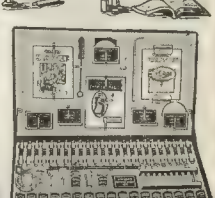
Original, nationally-advertised. Wanted by boys and girls everywhere for experimental purposes. Out of these sets you can change water into wine; make invisible ink; test foods; bleach and dye; fireproof wood. Hundreds of interesting experiments are shown in instruction books which come with each set.

No. 1 Gilbert Chemistry. Dandy Beginner's Set. Contains chemicals for performing many simple experiments. 20 different pieces. 64-page book shows over 100 different experiments. Attractively packaged in blue and gold box. Size 13⅜x9½x1⅝ inches
No. S2N1. Each..... .67

No. 3 Gilbert Chemistry. For the advanced young Chemist. Big assortment of chemicals for the laboratory attractively packaged in blue and gold. Instructions for fire-proofing wood, frosting glass, bleaching, dyeing, making red fire. 40 different pieces of apparatus including 64-page manual of instructions showing over 160 experiments. Size 20¾x11¾ inches. Packed each in box.
No. S2N2. Each..... 1.67



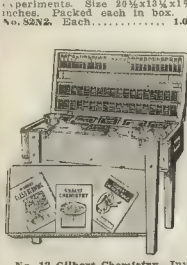
No. 5 Gilbert Chemistry. This set is packed in a beautiful metal cabinet, attractively finished in blue and gold. In addition to hundreds of experiments in Chemistry, it has complete equipment for glass-blowing. Over 65 pieces of equipment and instruction books showing how to do hundreds of experiments. Size 20x12¾x1⅝ inches.
No. S2N3. Each..... 3.33



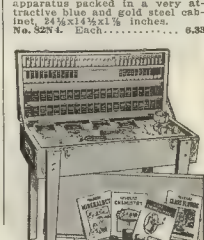
No. 10 Gilbert Chemistry. Hundreds of experiments in Chemical Magic, Glass-blowing, Chemistry. Three big books show you how. Alcohol lamp, rack for tubes, all necessary apparatus to equip a complete laboratory in itself. Over 100 pieces of equipment and apparatus packed in a very attractive blue and gold steel cabinet, 24⅝x14⅝x1⅝ inches.
No. S2N4. Each..... 6.33

Complete Desk Type Laboratory Outfits

Finest equipment procurable for young chemists. Real laboratory in one outfit complete in every detail. Big, roomy—large assortment of chemicals and other apparatus with manuals of instruction. Big metal work tray. Shipped with legs detached but easily assembled for use as permanent laboratory.



No. 12 Gilbert Chemistry. Inventor's Laboratory. Chemistry, Chemical Magic and Glass-blowing. Big assortment of chemicals in this wonder combination outfit—enough to make hundreds of compounds and perform many startling and interesting chemical experiments. Big 320-page instruction book tells how. The wizardry of chemical magic fully explained in illustrated manual, also apparatus and equipment covering the fascinating art of glass-blowing explained in additional instruction book. Three illustrated manuals in all covering over 575 experiments in Chemistry, Chemical Magic and Glass-blowing. Desk type with removable metal work tray. Assembled stands 23⅝ inches long, 22½ inches high and 11½ inches wide. Packed for shipping, legs and tray inside of cabinet 22⅝ inches long, 10½ inches wide, 5⅝ inches deep.
No. S2N10. Each..... 7.80



No. 15 Gilbert Chemistry. Scientist's Laboratory Outfit. Chemistry, Glass-blowing, Chemical Magic and Mineralogy. 320-page manual of chemistry and special manual describing their uses, and how to identify them. This magnificent combination set includes the outfit for a Chemical Magic show of tricks that will fascinate you. 99 Chemicals, minerals, and items of equipment. Four illustrated manuals. Over 600 experiments in Chemistry, Glass-blowing, Chemical Magic and Mineralogy. Desk type with removable metal work tray. Assembled stands 26½ inches long, 24⅝ inches high, 13⅝ inches wide. Packed for shipping, legs and tray fit inside of chest. Individually packed.
No. S2N5. Each..... 10.00

Mystery! Thrills!

What Makes the Door Fly Open

...as Car Climbs the Runway?

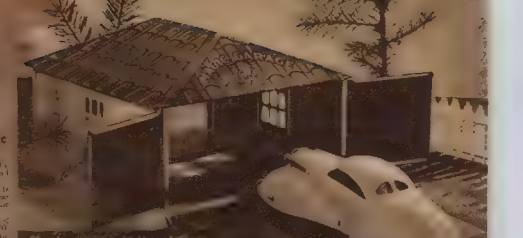
NOW 59c Last Year 69c

Just when it seems that the flashy roadster coming up the runway is going to crash into the garage the doors fly open, and by magic pull the car rolls in

A Nation wide success last year So We've placed an order for thousands of them this year and brought the price down Wards have the exclusive right to sell this toy by mail

Look at the lines of this auto Fine sedan features flow into the rakish body Made of 30 gauge steel, on long streamlined light gauge steel, by a clockwork motor Strong metal garage measures 8 by 8½ by 4⅝ in., runway 6 7/8 in long Brightly lithographed

48 T 3935—Ship wt 2 lbs 10 oz **69c**



"Sandwich Sir—While We Service Your Car"

"Fill her up! Vesey!" It's fun to "serve" in this miniature car at this new roadside service station It has a lever to pull that lifts it up to one of the two gas pumps and "protects" the driver as he goes to the greasing platform Turning the steering wheel sends the car underneath, turns on lights and batteries Heavy gauge metal station 13½ in long 10 in wide and 6 in high complete with metal dummy wagon on wheels and two gas pumps have electric sign that is lighted by dry cell battery Auto is 6 in long 2¾ in wide and has steering wheel

48 T 3934—Complete Ship wt 1 lbs 8 oz **$1.00**

New Honeymoon Express

This famous Honeymoon Express has miniature Union Pacific streamlined engine and cars Wind the strong spring motor, raise the semaphore and train whizzes around the track, through the 2 tunnels and bridge Power house in center of the 9¾-in circle All metal, brightly lithographed Ships wt 1 lb 4 oz

48 T 3884 **25c**

Rocket Racer

Car of the future! Torpedo shaped body for speed Brightly colored metal, 16½ in long Spring motor Rubber bumper Ship wt 1 lb. 6 oz

48 T 4226 **25c**

Poor Fish

Wind it up Watch it wobble along on land Heavy metal, in natural color Jointed to move with a swimming motion 8¾ in long Ship wt. 5 oz.

48 T 4193 **25c**

"I Yam What I Yam"

Wind up Popeye and he walks across the floor in his queer sailor style, carrying his gat. The children's favorite rot comic character brightly lithographed metal 8¼ in tall. Jointed legs are moved by strong wind-up motor Ship wt 10 oz

48 T 3995 **25c**

Rookie Motorcycle Cop

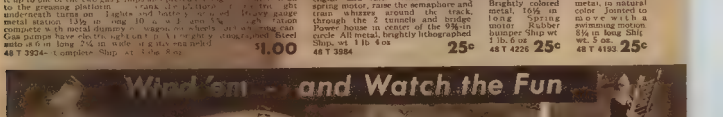
He's just learning and takes lots of spills . . . but *gets right up* without help Rides along merrily awhile . . . then falls again! Strong spring motor with novel repeating action rights motorcycle after falls Brightly lithographed metal 8½ in long 6 in tall 1⅞ in wide at base Ship wt 1 lb 4 oz

48 T 3978 **49c**

Tricky Taxi—Mysterious! Fascinating!

The New Windup Toy Sensation! This daredevil Taxi takes more chances than most—it will dash towards the edge of a table, hang half over the edge, then whirl around and go the other way. Watch its antics on an uncovered drinking glass, or a cigar box . . . it seldom falls off! The rear axle is extended, permitting it to run in circles around any round object Sturdy clockwork motor Colored metal, 4½ in long 1⅝ in wide, 1⅝ in tall

48 T 3915 Ship wt 4 oz **.25c**



"Smokey Joe to the Rescue

Wind this fearless fireman and he will climb to the top of the 23 in ladder one rung at a time . . . and stop at the top! He's lifelike! Fireman Smokey Joe is always ready for a rescue —for his strong clock work motor can't be overwound Metal fireman and ladder colorfully lithographed Fireman is 7½ in tall Ship wt 1 lb 4 oz.

48 T 3932 **47c**

3 Mechanical Autos

Haul things in the tin, farm truck and dump truck *There's* also a streamlined sedan Each one is 4-9 in long Spring wind-up motors Heavy metal brightly lithographed Bright metal radiators and bumpers Will run straight or in circles. Ship wt 1 lb

48 T 3814 Set of 3 . . . **29c**

Balky Mule and Cart

You'll laugh at this one! The farmer can't keep his balky mule going forward When spring motor is wound he goes forward a little way then rears and backs up Metal lithographed in bright colors 10¼ in long, 3 in wide 5⅛ in tall Ship wt. 10 oz.

48 T 3980 . . . . . **25c**

Novel Over and Under Car

Daredevil auto speeds down the upper incline, coasts backwards down the lower level to where whirling arms lift it again to the top of track . . . to start another spin A very fascinating toy—children will amuse themselves hours on end marveling at its never failing stunt. Will operate a long time on one winding Strong spring motor Made of heavy metal Bright red and yellow enamel 26 by 4 by 3¾ in. tall

Ship wt. 1 lb. 6 oz.

48 T 3917 . . . . . **.45c**

CBAKSSE

Fine Men's Strap Watches by Waltham

Style as Well as Price Exemplify the New Models Shown. Designed for Sports or Business Wear

Each Watch in an Attractive Presentation Case

Waltham Has Established a Reputation for Wrist Watch Performance That Has Never Been Equalled

A Suitable Monogram Adds to the Beauty of these Watches.
For Styles and Prices See Page 174

7 Jewel chromium case with leather strap. Waltham movement.
41 B01. Each **$26.40**

Same as above, in 10K yellow rolled gold plate case.
41 B02. Each **$30.00**

½ Ligne Waltham 7 jewel movement. Plain streamline case in 10K white rolled gold plate
41 B03. Each **$30.00**

Same as above in 17 jewel movement
41 B04. Each **$38.20**

7¼ Size A new design. Chromium base metal. 7 jewel Waltham movement.
41 B05. Each **$26.10**

7¼ Size A proven seller of merit. White stainless metal case. 7 jewel Waltham movement.
41 B06. Each **$28.30**

Same as above in 10K rolled gold plate white or natural.
41 B07. Each **$29.70**

3/0 Size White metal case 7 jewel Waltham movement. Etched dial.
41 B08. Each **$22.00**

3/0 Size 7 jewel Waltham movement. Etched dial. White stainless metal case.
41 B09. Each **$22.50**

WALTHAM
FIRST AMERICAN WATCHMAKER

3586—17-Jewel Yellow 10 karat gold filled case with link band **$45.00**

3587—17-Jewel White 10 karat gold filled case with link band **$45.00**

Waltham Watches are guaranteed to be free from defective material or workmanship.

3594—17-Jewel Yellow 10 karat rolled gold plate case with link band **$40.00**

3595—17-Jewel White 10 karat rolled gold plate case with link band **$40.00**

3596—17-Jewel Yellow 10 karat rolled gold plate case with link band **$42.50**

3597—17-Jewel White 10 karat rolled gold plate case with link band **$42.50**

ALL WATCHES DELIVERED IN ATTRACTIVE CHROMIUM TRIMMED GIFT BOX
ILLUSTRATIONS 7/8 ACTUAL SIZE

WALTHAM
FIRST AMERICAN WATCHMAKER

NEW! NEW

New eye appeal—up-to-the-minute, flashy! New purse appeal—amazingly low-priced for such sturdy construction. Just try a few once, now. You'll thank us for the suggestion.

No. 266—METALCRAFT "ZIP" WAGON

The center of attraction in the stores and on the sidewalks, too. Its "airflow" lines, bright red body, brilliant green wheels and handle make youngsters' eyes fairly pop. No sharp edges or corners.

No. 264 METALCRAFT BIKE

Has racy lines and flashy colors that capture the little tots instantly. (Red frame, green wheels.) And its safe, sturdy, long-lasting construction—and amazingly low price—appeal to the parents a hundred per cent.

No. 265
Metalcraft Scooter

Scooters are big sellers, especially with the "open season" just starting. The new No. 265 are already up to previous models in genuinely fast, profitable turnover.

● Don't overlook the NEW Metalcraft Fleet! These are the finest miniature trucks you will see and they are priced for volume sales. The previous Fleet made money for you—these are far better and mean bigger sales. See them on display

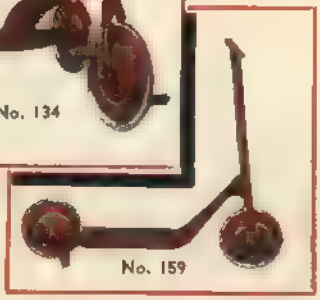
Selling Faster Than Ever!

No. 168
METALCRAFT "SCAMP" WAGON

A real leader—and even more popular already this year. Its streamlining, "Beavertail" rear deck, built-in electric headlight, airplane wheel pants and sturdy, rounded construction pull tremendously.

No. 134
METALCRAFT RIDE-A-WAY

Comfortable riding. Easy pedaling. Safe. Rugged. Extra-long-life rubber clincher tires. Decidedly popular.



No. 159—METALCRAFT SCOOTER—

Not a junior model, but a full size, full strength, high quality scooter. A proven fast seller in the low price bracket. One-piece pressed steel footboard with rubber mat. Baked enamel finish.

THE Metalcraft CORPORATION

Main Office and Factory:
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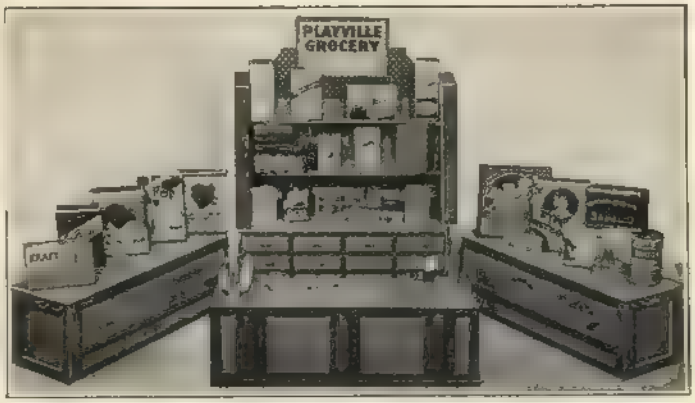
NEW IMPROVED PLAYVILLE GROCERY



The Playville Grocery consists of 4 heavy pulp board counters and a set of shelves (no dangerous sharp metal edges), beautifully lithographed and varnished, all set up and assembled, ready for the youthful merchant to open for business with numerous empty miniature cartons of nationally advertised products, as well as a toy scale that works, a roll of paper on a holder and 25 pieces of toy money. The counters showing meats, bakery goods, etc., add that final touch to make an ideal grocery store. Complete in every detail with a blank panel under the words "Playville Grocery" on which the proprietor may print his or her name

All Children Love to Play Store—

***A Smashing Seller—Retails at* $1.00**

Manufactured by

PATENT NOVELTY CO., Inc., FULTON, ILLINOIS

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COMMISSION DEPARTMENT DE WITT C. BAKER, Sr.

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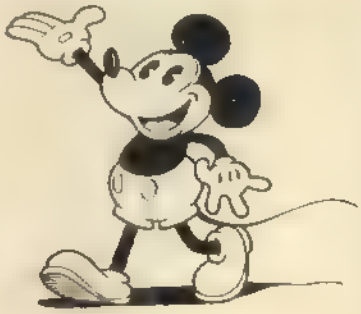

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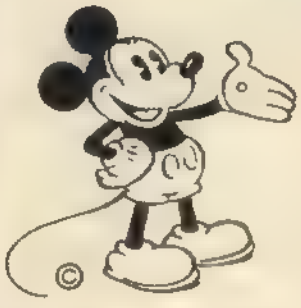
TRADE MARK REGISTERED
EXCLUSIVE LICENSE FROM WALT DISNEY

MOVIE-JECKTOR
And
TALKIE-JECKTOR

Shown Only By



JOS. SCHNEIDER
ROOM 461
FIFTH AVE. BUILDING
200 Fifth Avenue New York

FOUR LITTLE SWEEPERS JUST LIKE REAL BISSELLS IN EVERYTHING BUT SIZE!

They actually sweep . . . real bristle brushes pick up dirt . . . and dust pans empty clean!

HERE are four bright, attractive designs in play-size sweepers that *really sweep!*

These miniature Bissells are always in good demand. Their modern attractive designs in bright colors appeal to children . . . and they find a ready market all year 'round.

Besides being a delight to kiddies, these miniature sweepers are actually useful, too. They're handy for picking up crumbs, ashes or other litter, and for getting under very low furniture, and into small spaces.

Each one of these sturdy, well-made sweepers bears the name of BISSELL...the world's largest manufacturer of carpet sweepers. Each model is a complete sweeper . . . with real bristle brush, and dust pans that empty. And there are *no sharp metal edges.*

These miniature Bissells are priced to retail from 25c to $1.75, (35c to $1.75 in Southern and Western states). Substantial discounts provide an extra good mark-up.

THE LITTLE HELPER . . a popular number with a bright, attractive dress. Done in clever sampler design of yellow, magenta and blue. Wood ends, wheels, handle and brush-pulley and dustpans that open, in same colors. The real bristle brush actually sweeps. No tin or sharp metal edges. Size—7 x 4½ x 2 inches, with 24-inch handle.

THE LITTLE GEM . . A real gem in appearance and quality. Modern design in white, red, blue and yellow, with sampler pattern on bevels. Wood-ends and handle are blue, wheels and dustpans—they open—are yellow; ball and metal end-plates are nickeled. No tin or sharp metal edges . . and a real bristle brush that sweeps. Size —7¾ x 4½ by 2 inches, with 24-inch handle.

THE LITTLE QUEEN . . a bright "silver" finish with lettering, braid band, brush pulleys and a handle in red. Black, rubber-tired wheels. Dustpans empty with dump lever . . and the real bristle brush sweeps. No sharp metal edges. Size —9 x 5⅛ by 2⅛ inches, with 27-inch handle.

THE LITTLE JEWEL . . exactly like a big sweeper! A high gloss lacquer job with realistic mahogany grain. Black, rubber-tired, steel wheels. Brad protector rub ber corner cushions. Dustpans empty with dump lever. . the real bristle brush is self-adjusting. Size—9 x 5¼ by 2⅛ inches, with a 27-inch handle.

Write today for illustrations in full color and prices that yield an attractive mark-up

BISSELL CARPET SWEEPER CO., *Grand Rapids, Michigan*

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SAND SETS and SPRINKLERS

Feature Items for Your
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ROOMS 850-2
HOTEL McALPIN
PERMANENT
DISPLAY
ROOM 315
FIFTH AVENUE BUILDING
200 FIFTH AVENUE

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THE WORLD'S LARGEST DOLL PLANT

200,000 Square Feet of Space

Our factory at Clinton, Mass., started operating full blast on Monday, March 25th. All orders on hand will be shipped immediately. New orders will be taken care of promptly.

Complete line on display only at our Permanent Showrooms

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Our Railroad Siding Makes it Possible to Ship in Carload Lots Direct to Your Siding.

RALPH A. FREUNDLICH, Inc.

FACTORY: CLINTON, MASS.

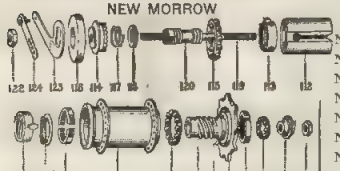
COASTER BRAKES
NEW MORROW

This Brake Has Proven That it is Safe, Easy and Frictionless; Nickel Plated and Highly Polished

Sprockets, 8, 9 and 10 Tooth; for ½-inch Chain; 1½ and 1⅝ inch Chain Line; 36 Hole.

	Each
No. 4M—Weight Each, 3 lbs. One in a Box	$6 60

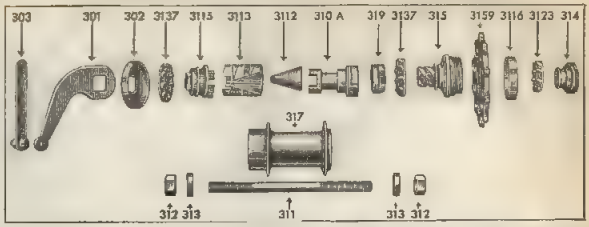
COASTER BRAKE PARTS
NEW MORROW



	Each
No. M101—Hub Case; Weight, 10 ozs.	$3 50
No. M102—Oil Hole Cover and Screw; Weight, ¼ oz.	.20
No. M103—Sprocket; Weight, 3 ozs.	.70
No. M104—Sprocket Lock Nut; Weight, 1 oz.	.40
No. M105—Sprocket Dust Cap; Weight, ½ oz.	.30
No. M106—Ball Retainer with Balls; Sprocket Side; Weight, 1 oz.	.40
No. M107—Driving Screw; Weight, 4 ozs	1.70
No. M108—Axle Cone, Adjusting, Weight, 2 ozs.	.50
No. M109—Ball Retainer with Balls for Axle Cone; Weight, 1 oz.	.30
	Per Pair
No. M110—Clutch Rings in Pairs; Weight, 1 oz.	$0.55
	Each
No. M110½—Clutch Retainer Ring; Weight, ½ oz.	$0.30
No. M111 Nut and Sleeve Expander; Weight, 2 ozs.	.80
No. M112—Brake Sleeve; Weight, 8 ozs.	1.70
No. M113—Sleeve Expander, with Teeth; Weight, 2 ozs.	.70
No. M114—Cone, Arm Slide; Weight, 3 ozs.	.70
No. M115—Ball Retainer, with Balls, Arm Side; Weight, 1 oz.	.40
No. M116—Retarder Washers; Weight, ½ oz.	.15
No. M117—Retarder Spring; Weight, ½ oz.	.30
No. M118—Dust Cap, Arm Side; Weight, 1 oz.	.30
No. M119—Axle; Weight, 3 ozs.	.20
No. M120—Axle Bushing; Weight, 2 ozs.	.40
No. M122—Axle Nut; Weight, ½ oz.	.10
No. M123—Arm; Weight, 3 ozs.	.60
No. M124—Arm Clip; Complete; Weight, 1 oz.	.10
No. M127—Washer for Lost Motion; Weight, ¼ oz.	.10

All Above, Loose

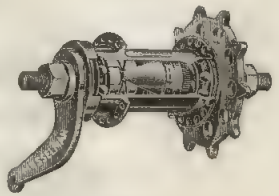
COASTER BRAKE PARTS
MUSSELMAN
MODEL M



	Each
No. 301 Arm	$0 55
No. 302 Dust Cap	15
No. 303 Strap, Bolt and Nut (Set)	.20
No. 310A—Brake Spool and Drag	.80
No. 311—Axle	.20
No. 312—Axle Nut	.05
No. 313—Axle Washer	.05
No. 314—Adjusting Cone	.40
No. 315—Driving Screw	1 20
No. 317—Hub Shell	2.70
No. 319—Driving Clutch	.65
No. 3112—Brake Wedge	.20
No. 3113 Brake Shoe Sleeve	1.10
No. 3115—Stationary Cone	.80
No. 3116—Sprocket Lock Nut	.30
No. 3123—Small Ball Retainer and Balls	.15
No. 3137 Large Ball Retainer and Balls	.20
No. 3159—Sprocket—10 toothx1x⅛-inch	.55
No. 3159A—Sprocket—7 toothx1x⅛-inch	.55
No. 3159B—Sprocket—9 toothx1x⅛-inch	.55

All Above, Loose

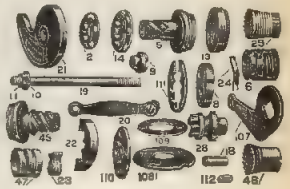
COASTER BRAKES
MUSSELMAN



MODEL M

Nickel Plated and Highly Polished; This Brake has Fewer Parts; Anyone can Take it Apart and Reassemble it Without Error; The Musselman Brake Pedals Easier; Coasts Farther; Brakes Smoother; Sprockets, 7, 9 and 10 tooth for ⅛-inch Chain; 36 Hole.

	Each
No. M36—Weight Each, 3 lbs. One in a Box	$6.60



CORBIN

For Models 5, 6, 7 and 8	Each
No. 2—Small Ball Retainer for Adjusting Cone with Balls; Weight, 1 oz.	$0 30
No. 3—Sprocket Lock Nut; Models 6 and 7; Weight, 2 ozs.	50
No. 9—Right Side Adjusting Cone; Models 6 and 7; Weight, 1 oz.	.30
	Per Pair
No. 10—Axle Washer; Models 6 and 7; Weight, 1 oz.	$0.10
	Each
No. 11—Axle Nut; Models 6 and 7; Weight, ½ oz.	$0 10
No. 14—Large Ball Retainer, with Balls, Models 6 and 7; Weight, 2 ozs.	.30
No. 15—Sprockets, 8, 9 and 10 Teeth; Weight, 4 ozs.	.60
No. 18—Bushings, Models 6 and 7; Weight, ½ oz.	45
No. 19—Axle, Models 6 and 7; Weight, 3 ozs.	30
No. 20—Band, Connecting Brake Arm to Frame, Including Bolt, Models 6 and 7; Weight, 1 oz.	.30
	Per Pair
No. 22—Brake Shoes in Pairs; Weight, 4 ozs.	$0 60
	Per Set of Six
No. 23—Brake Shoe Levers in Sets; Weight, 2 ozs.	$0 40
	Per Set of Four
No. 24—Brake Shoe Springs, in Sets (4); Weight, 1 oz.	$0.30
	Each
No. 28—Braking Clutch, Models 6 and 7; Weight, 2 ozs.	$1.10
No. 45—Driver for Models 6 and 7; Weight, 6 ozs.	1.50
No. 46—Driving Clutch, Models 6 and 7; Weight, 3 ozs.	.80
No. 47 Transfer Sleeve, Models 6 and 7; Weight, ½ oz.	.30
No. 48—Hub Shell, Models 6 and 7; Weight, 12 ozs.	3.50
No. 107—Arm, Model 7; Weight, 12 oz.	1.00
No. 108—Dust Cap, Model 7; Weight, 3 ozs.	.40
No. 110—Anchor Plate, Model 7; Weight, ½ oz.	1.00

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MECCANO MORECRAFT *new!*

MECCANO MICROSCOPES *new!*

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MECCANO GREENHOUSES *new!*

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OUTBOARD MOTORS.

DEPENDABLE POWER WITH LIGHT WEIGHT AT LOW PRICE.

NEPTUNE SINGLE.

$54.50 Retail

The Ideal Motor for Trolling, Traveling, Fishing or Fun.

This fine low priced outboard motor is powerful and sturdy, yet built with the delicate precision of a fine watch, compact, light economical, reliable and low priced. Absolutely the greatest value in the outboard motor field. A few of the special features are: Balanced crank shaft, noiseless underwater exhaust, positive action pump which cools at all speeds, tilting propeller and shaft, gasoline control in handle, automotive type carburetor; all the features of the highest priced outboard motors and for only $59.50 to the consumer.

Each

No. E-OB2—**Outboard Motors;** single cylinder; three-port type, 2 H. P. at 2800 R. P. M.; stroke, 1½ inches; capacity gas tank, ½ gallon; two-blade, 7¾-inch propeller; motor size, 10 inches wide, 36 inches long; stern height, 14 inches; actual weight, approximately, 30 lbs; shipping weight, 60 lbs. $54.50

THE NEPTUNE TWINS.

$85.50 Retail

4 H. P. JUNIOR TWIN.

This sturdy, dependable 4 H. P. motor is of the Class A type. In it are combined features and principles in design which have been found to be technically correct to give dependable performance. A high tension built-in fly wheel magneto makes starting exceptionally easy. The new hinged steering lever with gasoline throttle control incorporated greatly facilitates operation. This motor is the outstanding value in its class, modern in design, smart in appearance and full of eager, dependable power. This model also has under water exhaust.

Each

No. E-OB4—**Outboard Motors;** two cylinders; three-port; high speed type; speed, 300 to 3200 R. P. M.; 4 H. P. at 3000 R. P. M.; cylinder bore, 2 inches; stroke, 1½ inches; 1-gallon capacity aluminum gas tank; 9-inch aluminum alloy propeller; motor size, 38 inches long, 14½ inches wide; stern height, 14 inches; net weight, approx. 45 lbs; shipping weight, 85 lbs. $85.50

Best suited for large canoes and row boats

$99.50 Retail

6 H. P. IMPROVED TWIN.

The 6 H. P. Neptune twin offers ball bearings at all contact points, a reason for its smoother operation, longer life and greater power. It also has the modern carburetor control incorporated in the steering lever, making it possible to control the speed of the engine without reaching back to the motor. The detachable cylinder heads and under water exhaust permit minute adjustment for obtaining maximum efficiency.

Each

No. E-OB6—**Outboard Motors;** two cylinders; two-cycle; three-port; high speed type; 300 to 3800 R. P. M.; 6 H. P. at 3400 R.P M.; cylinder bore, 2 inches; stroke, 1½ inches; 1-gallon capacity aluminum tank; 9-inch aluminum alloy polished propeller; size of motor, 38 inches long, 16½ inches wide; stern height, 14 inches; net weight, approx. 50 lbs.; shipping weight, 90 lbs. $99.50

Best suited for large row boats, light boats that plane and small work boats.

$159.50 Retail

16 H. P. MASTER TWIN.

This superb 16 H. P. motor meets the most exacting demand for flashing speed or heavy duty service. The liberal use of ball and roller bearings throughout the engine, combined with detachable cylinder heads, provides smoothness of operation and longevity never before found in a motor at this price. And the improved steering lever, with gas control incorporated in the handle, permits ease of operation never before reached.

Each

No. E-OB16—**Outboard Motors;** two cylinder; two cycle, three-port; high speed type; 300 to 4850 R. P. M.; developes 16 H. P. At 4000 R. P. M.; recommended speed, 4000 R. P. M.; two-gallon capacity tank; cylinder bore, 2½ inches; stroke, 2 inches; 10-inch bronze propeller; size of motor, 43 inches long, 20½ inches wide; stern height, 16 inches; net weight, approx. 95 lbs.; shipping weight, 135 lbs. . . . $159 50

Best suited for large row boats, small cruisers and runabouts.

For complete specifications, see page 782.

Ball Bearings. Full ball and roller bearings are used on the 6 H. P. and 16 H. P. models.

Detachable Cylinder Heads. Used on all twin cylinder models permits the graduation of compression to an infinite degree and gives easy access to upper cylinders and pistons.

Motor Cycle Type Control. On all models (except Junior Twin) affords speed control with a slight twist of the wrist, avoiding the necessity of turning to the motor.

Built-in Magneto Ignition. Flywheel type, with the latest developments in carburetion, makes starting exceptionally quick and easy.

Tilting Propeller. In all models, eliminates any damage to motor or propeller from obstructions and permits operation in shallow water.

Positive Pump and Siphon Cooling. Keeps the motor properly cooled at all speeds.

SPECIFICATIONS.

	No. E-OB2. NEPTUNE SINGLE.	No. E-OB4. JUNIOR TWIN.	No. E-OB6. IMPROVED TWIN.	No. E-OB16. MASTER TWIN.
Motor	Single cylinder, 3-port high speed type.	2-cylinder, 3-port, high speed type, directly opposed, eliminating vibration.	2-cylinder, 2-cycle, 3-port, high speed type, ball bearings on crank shaft. Directly opposed.	2-cylinder, 2-cycle, 3-port, high speed type with ball bearings on crank shaft. Directly opposed.
Dimensions	Length, 36 ins.; width, 10 ins.; stern height, 14 ins.	Length, 38 ins; width, 14½ ins, stern height, 14 ins.	Length, 38 ins.; width, 16½ ins, stern height, 14 ins.	Length, 43 ins.; width, 20½ ins. Stern height, 16 ins.
Power	2 H. P. at 2800 R. P M.	300 to 3200 R. P M., 4 H. P. at 3000 R. P. M.	300 to 3800 R. P. M., 6 H. P. at 3400 R. P. M.	300 to 4850 R. P. M. Develops 16 H. P. at 4000 R. P. M. Recommended speed 4000.
Cylinders	Highest quality cylinder iron; bore, 2 ins.; stroke, 1½ ins	Nickel iron with detachable high compression heads, greatly increasing power.	Nickel iron with detachable high compression heads, greatly increasing power.	Nickel iron with detachable high compression heads, greatly increasing power.
Pistons	Semi-steel, 3-ring type.	Bore 2 ins., stroke 1½ ins Made of semi-steel, three-ring type.	Bore 2 ins, stroke 1½ ins High grade material, 3-ring type.	Bore 2½ ins, stroke 2 ins. Special light weight alloy.
Connecting Rods	Special alloy phosphor bronze	Special alloy phosphor bronze.	Alloy phosphor bronze of high tensile strength.	Drop forged steel; roller bearings on crank pins
Bearings	Special "Oilite" bearings, self-lubricating.	Phosphor bronze, reamed and burnished to size	Ball bearings in all main bearings—crank shaft, drive shaft and propeller shaft.	Ball bearings in all main bearings—crank shaft, drive shaft and propeller shaft
Crank Shaft	Drop forged, highest grade chrome nickel steel, accurately counter-balanced and ground.	Drop forged, highest grade chrome nickel steel, accurately counter balanced and ground.	Drop forged, highest grade, chrome nickel steel, accurately counter balanced and ground.	Drop forged, highest grade chrome nickel steel, accurately counter-balanced and ground.
Crank Case	High compression type Special aluminum alloy.	High compression type. Special aluminum alloy.	High compression type, special aluminum alloy.	High compression type, special aluminum alloy
Gasoline Tank	½ gallon capacity. Aluminum	Aluminum, one-gallon capacity.	Aluminum, one-gallon capacity.	Aluminum, two-gallon capacity
Stern Bracket	Die cast aluminum alloy of high tensile strength.	Special alloy aluminum of high tensile strength.	Special alloy aluminum of high tensile strength.	Rigid construction, heat treated for strength.
Lower Stem and Gear Case	Die cast aluminum, scientifically stream-lined and polished	Aluminum, scientifically stream-lined and polished.	Aluminum, stream-lined and polished; equipped with ball bearings.	Aluminum, steam-lined and polished; equipped with ball bearings.
Gears	Chrome nickel alloy Gear ratio 14 to 21.	Chrome nickel alloy, accurately cut and hardened Gear ratio 14 to 21.	Chrome nickel alloy steel. Gear ratio 14 to 24	Chrome nickel alloy steel. Gear ratio 12 to 21
Propeller and Drive Shafts	Monel metal, polished.	Highest grade steel, polished.	Highest grade steel, running in ball bearings.	Highest grade steel, runs in ball bearings.
Propeller	2-blade, 7⅝-inch diameter, 5½-inch pitch. Weedless type.	Aluminum alloy 8-inch diameter, 7-inch pitch, balanced and polished. Weedless type	Aluminum alloy, 9-inch diameter, 8½-inch pitch, balanced and polished. Weedless type.	Bronze, 10-inch diameter, 10-inch pitch, balanced and polished. Three blade
Muffler and Exhaust	Highly efficient underwater exhaust.	Efficient muffler with underwater exhaust.	Large muffler with underwater exhaust.	Extra large muffler with underwater exhaust for silence. Provided with cut-out.
Cooling System	Positive centrifugal pump and siphon, efficient at all speeds.	Positive centrifugal pump and siphon.	Positive centrifugal pump and siphon.	Positive centrifugal pump and siphon.
Ignition	High tension fly wheel type. Easy starting, moisture-proof	High tension fly wheel type Easy starting, moisture-proof	High tension fly wheel type magneto. Easy starting; moisture-proof.	High tension fly wheel type magneto; easy starting; moisture-proof
Carburetor	Automotive type, float feed. Gasoline control in handle.	Automotive type, float feed. Gasoline control in handle.	Automotive type float feed. Gasoline control in handle.	Automotive type, float feed Gasoline control in handle.
Weight	Approximately 30 lbs.	Approximately, 45 lbs.	Approximately 50 lbs	Approximately 95 lbs.
Boat Suitable	Canoes and row boats	Large canoes, row boats, dinghies.	Large row boats, lights boats that plane, small work boats; auxiliary power	Large row boats, small cruisers and runabouts

QUALITY —— EASTMAN LINE —— SERVICE

EASTMAN MFG. COMPANY, Inc.

UNION CITY, PA.

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Desk and Chair Sets That You Know Will Sell, AT POPULAR PRICES.

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makes his bow among

TOY KRAFT'S

Hand Painted Wooden Toys for 1935

Be sure to see Toy Kraft's colorful and sturdy line of new summer toys and all year 'round numbers at the New York Toy Fair.

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Factory and Studio

WOOSTER, OHIO

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Karl J. Bauder Shown in His Toy Shop

Easter Business Off to a Good Start in Kentucky

A LETTER from Karl J. Bauder, proprietor of Bauder's Bicycle and Toy Shop, in Maysville, Kentukcy, states that the Easter season has gotten off to a good start and that a good business is expected for the season. Mr. Bauder has learned, through years of experience as a toy man, that it pays to get an early start in both the Christmas and Easter seasons and, accordingly, had his displays ready by the middle of March. Karl J. Bauder and his toy shop are well known throughout the Eastern part of Kentucky. He is a firm believer in advertising, and hardly a week goes by that at least one advertisement does not appear in the local paper. The success of this toy shop can be attributed to the constant advertising and to the host of little friends that Mr. Bauder has made through his congenial personality.

Macy Buyer Returns from Trip

ROBERT A. WOLFE, toy buyer and toy advisor for R. H. Macy & Co., New York City, and L. Bamberger & Co. in Newark, N. J., returned from a trip abroad on March 28th. At present he is busy supervising the Easter operations in both stores and covering the Toy Fair. Toy Buyer Wolfe was in Europe for two months and devoted a good part of his time to visiting mercantile establishments and studying their methods of merchandising to see if any of their ideas could be successfully incorporated in his departments.

Main Floor Toy Table Boosts Sales

TOY BUYERS in department stores will find that a good way of stimulating sales in an "off" season is to take a few fast-selling or timely playthings and feature them on a small table on the main floor, just inside the main entrance to the store. Numbered among the customers at such a table are sure to be many people who had no idea whatsoever of making a toy purchase. The use of a main floor both at Easter time will help considerably in swelling the sales volume of the toy department.

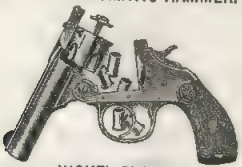
NEW DEFENDER.

For home and personal defense. Both sights shaped to permit withdrawal from pocket or holster without catching. Smooth double action, with light, crisp trigger pull. Butt log walnut stock, finely checked. Finish, blue only. Ammunition, 22 short, long and long rifle, regular or high speed.

Each

No. S-2650—Revolvers; .22 caliber; length of barrel, 2 inches; length over all, 6¼ inches; weight each, 23 ozs. **$26.50**

IVER JOHNSON,
SAFETY AUTOMATIC HAMMER.



NICKEL PLATED.

Each

S-223N—Revolvers; .32 cal.; 3-in. barrel; 5 shots. **$16.50**
S-224N—Revolvers; .32 cal.; 4-in. barrel; 5 shots. **17.00**
S-225N—Revolvers; .32 cal.; 5-in. barrel; 5 shots. **17.50**
S-233N—Revolvers; .38 cal.; 3¼-in. barrel; 5 shots. **16.50**

BLUED.

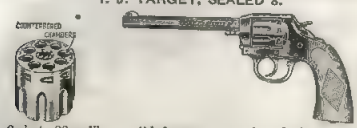
S-203B—Revolvers; .22 cal.; 3-in. barrel; 7 shots. **16.50**
S-205B—Revolvers; .22 cal.; 5-in. barrel; 7 shots. **17.50**
S-223B—Revolvers; .32 cal.; 3-in. barrel; 5 shots. **16.50**
S-224B—Revolvers; .32 cal.; 4-in. barrel; 5 shots. **17.00**
S-233B—Revolvers; .38 cal.; 3¼-in. barrel; 5 shots. **16.50**
S-234B—Revolvers; .38 cal.; 4-in. barrel; 5 shots. **17.00**

BLUED, WITH WALNUT TARGET GRIP.

Each

S-522TB—Revolvers; .22 cal.; 5-in. barrel; walnut target grip **$18.80**
S-622TB—Revolvers; .22 cal.; 6-in. barrel, walnut target grip **19.30**
S-532TB—Revolvers; .32 cal.; 5-in. barrel, walnut target grip **18.80**
S-632TB—Revolvers; 32 cal.; 6 in. barrel; walnut target grip **19.30**
S-538TB—Revolvers; .38 cal; 5 in. barrel; walnut target grip **18.80**
S-638TB—Revolvers; .38 cal.; 6-in. barrel; walnut target grip **19.30**

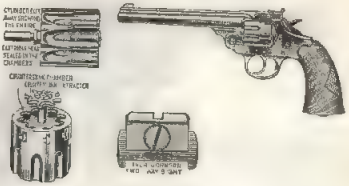
I. J. TARGET, SEALED 8.



8-shot, 22 caliber, solid frame; counterbored chambers, one-piece target grip, scored trigger and De-flex sighting plane, gold sight. Made on extra heavy frame, blued. Standard 22 caliber long rifle rim fire cartridges, as well as the long and short sizes. Counterboring the chambers gives a protection of surrounding steel, which effectually safeguards the heads and rims of the cartridges against bursting and prematurely discharging other cartridges. Each

No. S-68—Revolvers; .22 caliber; 6-inch; 8-shot. **$12.60**
No. S-108—Revolvers; 22 caliber; 10-inch; 8-shot. **13.50**

IVER JOHNSON.
SUPERSHOT SEALED EIGHT.
.22 CALIBER, 8 SHOT.



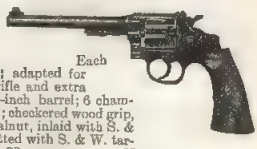
A real sport revolver. Chamber and extractor are counter sunk so the heads of cartridges are flush with the face of cylinder. Extra heavy frame, 8 shots; Patridge type front sight and two-way adjustable rear sight; blued finish with gold front sight and lettering; scored trigger; Western one-piece grip of specially selected walnut beautifully hand checkered. Shoots .22 long rifle, long and short rim fire cartridges. Shells are automatically ejected.

Each

No. S-SE—Revolvers; .22 caliber; 6-inch barrel; weight each, 24 ozs. **$22.40**

Suggested retail price $15.00.

SMITH & WESSON.
TARGET, HEAVY FRAME.
.22 CALIBER, MODEL 1911.



Each

S-SW22LR—Revolvers; adapted for .22 short; long, long rifle and extra long rifle cartridges; 6-inch barrel; 6 chambers. Pull-under, 4 lbs.; checkered wood grip, made of Circassian Walnut, inlaid with S. & W. gold monogram; fitted with S. & W. target sights; weight each 23 ounces. **$56.00**

MODEL K22.
.22 Long Rifle Caliber, Heavy Frame.

Cylinder is heat treated nickel steel. Chambers are recessed at the rear so as to accommodate the head and rim of the cartridge, the head being flush with the rear surface of the cylinder and the rear surface of the cylinder in turn is flush with the frame.

Works satisfactorily with .22 long rifle cartridge of either the regular or the high velocity types.

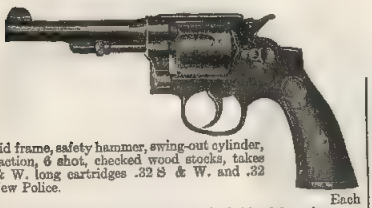
Length of barrel, 6 inches. 6 shots. Sights, Call gold bead front, Patridge square notch rear, adjustable for windage and elevation. Distance between sights, 7⅛ inches. Trigger pull, 3 to 4 pounds. Finish, Smith & Wesson blue. Checked Circassian walnut stock with S. & W. monogram.

Each

No. S-K22—Revolvers; weight each, 35 ozs. **$60.80**

SMITH AND WESSON.

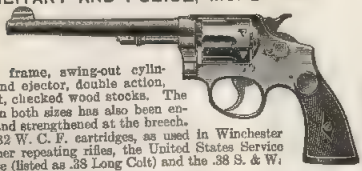
REGULATION, POLICE MODEL.



Solid frame, safety hammer, swing-out cylinder, double action, 6 shot, checked wood stocks, takes .32 S. & W. long cartridges .32 S & W. and .32 Colts New Police.

	Each
S-32-3PM—Revolvers; .32 caliber; 3¼ inch blued barrel; wgt., 17¾ ounces	$51.20
S-32-4PM—Revolvers; .32 caliber; 4¼ inch blued barrel; wgt. 18½ ounces	51.20
S-38-4PM—Revolvers; .38 caliber; 4 inch blued barrel; 6 shot; takes .38 S. & W., .38 S. & W. gallery and .38 short Colt; weight, 17¾ ounces	51.20

MILITARY AND POLICE, MODEL 1905.



Solid frame, swing-out cylinder, hand ejector, double action, six-shot, checked wood stocks. The barrel on both sizes has also been enlarged and strengthened at the breech. Takes .32 W. C. F. cartridges, as used in Winchester and other repeating rifles, the United States Service cartridge (listed as .38 Long Colt) and the .38 S. & W. Special cartridge.

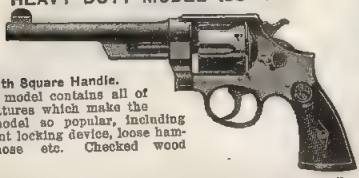
32 CALIBER, BLUED, 6 SHOTS.

For .32 W. C. F. Cartridges.	Each
S-05324—Revolvers; 4 inch barrel; weight, 1 lb. 14¼ ozs.	$52.80
S-05325—Revolvers; 5 inch barrel; weight, 1 lb. 15 ozs.	
S-05326—Revolvers; 6 inch barrel; weight, 2 lbs.	

38 CALIBER, BLUED, 6 SHOTS.

For .38 S. & W. Special and .38 Long Colt Cartridges.	Each
S-05384—Revolvers; 4 inch barrel; weight, 1 lb. 14¼ ozs.	$52.80
S-05385—Revolvers; 5 inch barrel; weight, 1 lb. 15 ozs.	
S-05386—Revolvers; 6 inch barrel; weight 2 lbs.	

HEAVY DUTY MODEL .38--.44.



With Square Handle.

This model contains all of the features which make the 1905 model so popular, including the front locking device, loose hammer nose etc. Checked wood stocks.

A .38 special on a real .44 size frame. Weight reduces recoil to minimum. Made with reinforced barrel, giving protection to extractor rod. Safety hammer block prevents accidental discharge.

	Each
S-38/44HF—Revolvers; .38 caliber on .44 frame; 5-inch blued barrel; .38 S. & W. special cartridge; weight, 45 ozs.; square patridge type sights; 6 shots	$60.00
S-44SW—Revolvers; .44 caliber; 6½ inch blued barrel; takes .44 S. & W. Special cartridge	60.00
S-45USA—Revolvers; .45 caliber; 5½ inch barrel; takes .45 Colt Auto cartridge, otherwise same as No. 44SW	60.00

SMITH AND WESSON'S

38-44 OUTDOORSMAN'S.

Frame, .44 military target; heat treated alloy steel cylinder, capable of withstanding tremendous pressure; case hardened hammer and trigger; three-point alignment between cylinder and barrel; burnished chambers; 6-shot; trigger grooved to prevent slipping; 3½ to 4-pound trigger pull; Partridge front and rear sights; checked Circassian walnut stocks with S. & W. monograms. Takes .38 and .38/44 S. & W. Special cartridges.

	Each
No. S-38440R—Revolvers; .38 caliber; 6-shot; 6½-inch barrel; with heavy recessed lug protecting extractor rod; blue finish; weight each, 41¾ ozs.	$72.00

COLT SINGLE ACTION ARMY.

Solid frame, blued, rod ejector, 6 shots. Takes .32 W. C. F., .38 W. C. F., .41 Colt's, .44 W. C. F. and .45 Colt's cartridges.

	Each
S-324—Revolvers; .32 caliber; 4¾ inch barrel; wgt., 34 ozs.	$54.40
S-325—Revolvers; .32 caliber; 5½ inch barrel; wgt., 36 ozs.	
S-327—Revolvers; .32 caliber; 7½ inch barrel; wgt., 38 ozs.	
S-384—Revolvers; .38 caliber; 4¾ inch barrel; wgt., 36 ozs.	
S-385—Revolvers; .38 caliber; 5½ inch barrel; wgt., 38 ozs.	
S-444—Revolvers; .44 caliber; 4¾ inch barrel; wgt., 36 ozs.	
S-445—Revolvers; .44 caliber; 5½ inch barrel; wgt., 38 ozs.	
S-447—Revolvers; .44 caliber, 7½ inch barrel; wgt., 40 ozs.	
S-454—Revolvers; .45 caliber; 4¾ inch barrel; wgt., 36 ozs.	
S-455—Revolvers; .45 caliber; 5½ inch barrel; wgt., 38 ozs.	
S-457—Revolvers; .45 caliber. 7½ inch barrel; wgt., 40 ozs.	

TARGET.

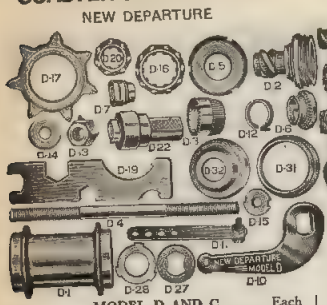
COLT SHOOTING MASTER.

BUILT ON .45 CALIBER FRAME.

Six shot, .38 Colt Special, using .38 long Colt, .38 short Colt, also .38 S. & W. Special, full and mid range loads. Front and back straps finely checked. Hand finished action. Trigger pull smooth and without drag or creep. Either bead or patridge style sights as desired; front sight adjustable for elevation; rear sight adjustable for windage. Full blued finish; back of frame stippled to backstrap to eliminate reflection and glare. Super-precisioned barrel, tapered; smooth finish latch; checked trigger; checked walnut stock, rounded butt.

	Each
No. S-SM38—Revolvers; .38 caliber; 6-inch barrel; length over all, 11¼ inches; weight each, 43 ozs. Suggested retail, $52.50.	$87.00

COASTER BRAKE PARTS
NEW DEPARTURE



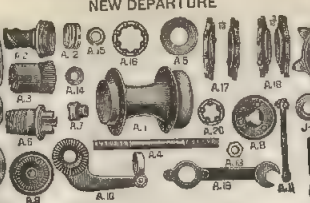
MODEL D AND C

	Each
No. D1.—Hub Shell (State How Many Spoke Holes); Weight, 10 ozs.	$3.10
No. D2—Driver; Weight, 4 ozs.	1.20
No. D3—Clutch Sleeve; Weight, 2 ozs.	.60
No. D4—Axle; Weight, 8 ozs.	.90
No. D5—Sprocket Set Nut; Weight, 1 oz.	.45
No. D6—Brake Clutch; Weight, 2 ozs.	.80
No. D7—Axle Adjusting Cone; Weight, 2 ozs.	.25
No. D10—Brake Arm, Complete; Weight, 4 ozs.	.80
No. D11—Clip, Nut and Bolt, Complete; Weight, 1 oz.	.25
No. D12—Transfer Spring; Weight, ½ oz.	.10
No. D13—Axle Nut; Weight, ½ oz.	.10
	Per Pair
No. D14—Axle Washers; Weight, ½ oz.; per Pair	$0.10
	Each
No. D15—Lock Nut; Weight, ½ oz	$0.10
No. D16—Large Ball Retainer; Weight, 1 oz.	.20
No. A17—Sprocket ⅛-inch Offset; 8 to 10 Tooth, Weight, 4 ozs.	.60
No. D19—Wrench, Weight, 2 ozs.	.35
No. D20—Small Ball Retainer; Weight, 1 oz.	.20
No. D22—Disc Support Sleeve; Weight, 5 ozs.	2.00
	Per Set
No. D27—Steel Discs; Weight, 2 oz.; per Set	$0.20
No. D28—Bronze Discs; Weight, 2 ozs; per Set	.20
	Each
No. D31—Dust Cap, Sprocket End; Weight, 1 oz.	$0.20
No. D32—Dust Cap, Drum End; Weight, 1 oz.	.20

All Above, Loose

All Model D Parts are Interchangeable with Those of the Model C.

COASTER BRAKE PARTS
NEW DEPARTURE



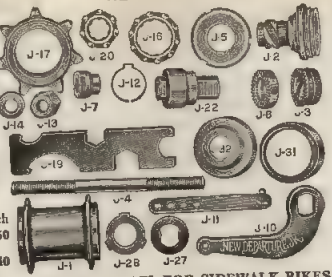
MODEL A

	Each
No. A1—Hub Shell; Weight, 10 ozs.	$3.50
No. A2—Driver; Weight, 4 ozs.	1.40
No. A3—Clutch Sleeve; Weight, 2 ozs.	.60
No. A4—Axle; Weight, 3 ozs.	.25
No. A5—Sprocket Set Nut; Weight, 1 oz.	.50
No. A6—Brake Clutch; Weight, 2 ozs.	1.10
No. A7—Axle Adjusting Cone; Weight, 2 oz.	.30
No. A8—Brake Complete; Weight, 8 ozs.	1.30
No. A9—Brake Disc; Weight, 4 ozs.	.80
No. A10—Brake Arm; Weight, 4 ozs.	.80
No. A11—Clip with Bolt and Nut; Weight, 1 oz.	.30
No. A12—Transfer Sleeve; Weight, ½ oz.	.30
No. A13—Axle Nut; Weight, ½ oz.	.10
	Per Pair
No. A14—Axle Washer Plain (2); Weight, ½ oz.	$0.10
	Each
No. A15—Socket Washer; Weight, ½ oz.	$0.10
No. A16—Large Ball Retainer; Weight, 1 oz.	.30
No. A17—Sprocket, ⅛ in. Offset; 8 to 10 Tooth; Weight, 4 ozs.	.60
No. A18—Wrench, Weight, 2 ozs.	.40
No. A20—Small Ball Retainer; Weight, 1 oz.	.30

All Above, Loose

NOTE—In Ordering, Specify Whether Parts are Wanted for "A" Narrow or Regular; Also the Year the Brake was Bought.

COASTER BRAKE PARTS
NEW DEPARTURE

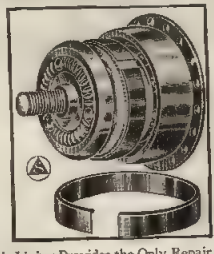


JUNIOR MODEL FOR SIDEWALK BIKES

	Each
No. JR1—Hub Shell, 24 Spoke Holes Only	$2.70
No. JR2—Driver	1.10
No. JR3—Clutch Sleeve	.55
No. JR4—Axle	.20
No. JR5—Sprocket Set Nut	.40
No. JR6—Brake Clutch	.65
No. JR7—Axle Adjusting Cone	.20
No. JR10—Brake Arm, Complete	.70
No. JR11—Clip, Nut and Bolt, Complete	.20
No. JR12—Transfer Spring	.10
No. JR13—Axle Nut	.05
No. JR14—Axle Washers, per Pair	.05
No. JR16—Large Ball Retainer	.20
No. JR17—Sprocket; ⅛-inch Offset; 7 to 10-Tooth	.55
No. JR19—Wrench	.35
No. JR20—Small Ball Retainer	.15
No. JR22—Disc Support Sleeve	1.60
No. JR27—Steel Discs, per Set	.20
No. JR28—Bronze Discs, per Set	.20
No. JR31—Dust Cap, Sprocket End	.10
No. JR32—Dust Cap, Drum End	.15

All Above, Loose

BRAKE REPAIR LINING



This Lining Provides the Only Repair Method for Restoring the Worn Coaster Brake Shell; It is a Flexible Tempered Steel Band that Wears as Long as New Brake Shoes; Easily Applied; Slips Quickly Into Place as Shown in Illustration; It has a Flange which Keeps Band in Position and Prevents Locking; In Cases of Severe Wear, One Lining May be Placed on the Other; Fits Both New Departure and Corbin Coaster Brakes.

Per 100

No. BRL—Weight per 100, 4 lbs. $16.50

Ten in an Envelope

COASTER BRAKES
NEW DEPARTURE

MODEL D

High Grade Chrome Nickel Steel; 90% More Braking Surface; Parts Interchangeable with Model C; Factory Adjusted; Sealed Against Dirt; Sprockets, 8, 9 and 10 Tooth for ½x1 inch Chain; Drilled 28 or 36 Holes.

Each

No. NDD—Weight Each, 2½ lbs. $6.60

One in a Carton

FULL WESTMINSTER CHIMES.

Full Westminster, eight-day time chime movement, chiming the quarter hour, half, three quarter and the full chime at hour on rods.

Each

No. C-Romany Clocks—Tambour case of selected mahogany in antique finish with raised panels; 8-day pendulum, Westminster chime movement; 5½-inch silvered dial; raised numerals; polished brass sash; rubber cushion feet and convex crystal; width, 21 inches; height, 9¾ inches; weight each, 11¼ lbs. **$27.40**

NEW HAVEN.

DUO STRIKE.

Each

No. C-17—Tambour Clocks; selected mahogany in antique finish, with raised panel; 4⅞-inch raised numeral dial; convex crystal; 8-day pendulum movement and hour and half-hour duo rod strike; height, 9 inches; width, 19½ inches; weight each, 8¼ lbs. **$12.30**

BANJO.

A gracefully designed mahogany finished clock; rich in color; adaptable in size; moderate in price.

Each

No. C-5596—Banjo Clocks; side rails and top ornament are of brass; metal dial has raised bronze colored numerals and 5-inch minute circle; George Washington Mount Vernon panels in full color; fitted with 8-day spring pendulum movement; strikes hours and half hours on rod; height, 29 inches; width, 9¾ inches; weight, 12 lbs. . . . **$19.50**

One in a carton.

June Brides

will appreciate gifts from your store. Display cutlery, electrical supplies, chinaware, etc., in June. Of course, we have the goods for you, but we also have window trims and other sales helps.

Electric—FINE CLOCKS—*Spring Wound*

We carry only clocks made by trustworthy manufacturers of many years standing. Such clocks are fully guaranteed by the manufacturers and ourselves. Electric clocks for use only on alternating current. 110 to 120 volts. 60 cycles.

Prices Subject to Wholesale Discounts. ***See Page 2.***

WESTMINSTER CHIME CLOCK BY NEW HAVEN

Fine selected mahogany case with raised panel fitted with resonant full 5 rod Westminster chime movement. Chimes each quarter hour. Length 21 inches, height 24¼ inches. Metal dial with raised numerals, diameter 5⅝ inches.

DC7009 Electric Synchronous Motor **$28.50**
DC7010 8 Day Spring Wound Movement **28.50**

WESTMINSTER CHIME CLOCK BY SESSIONS

Attractive genuine mahogany case with inlay effect fitted with resonant full 5 rod Westminster chime movement. Chimes each quarter hour. Length 21 inches, height 10 inches, gold plated finish on brass plate. Metal dial with raised numerals, diameter 4 inches.

DC7011 Electric Synchronous Motor **$24.50**
DC7012 Spring Wound Movement **24.50**

SESSIONS BANJO CLOCK

An extremely attractive and ornamental time piece. Fine mahogany finish case with inlay design. Pictures Parthenon and river scenes on a rockbound sea coast. 8 day pendulum. 2 rod strike on hour and half hour. Height 28 inches, width 8½ inches. Metal dial with raised numerals, diameter 6 inches.

DC7013 8 Day Spring Movement **$17.50**

NEW HAVEN BANJO

The beautiful clock has a decorative center panel and side ornaments. Lower panel depicts a nature scene. The fine mahogany finish case is surrounded by a gold plated ring. Height 36½ inches, width 8½ inches, diameter of dial 6 inches.

DC7016 8 Day Spring Westminster Chime **$60.00**
DC7017 8 Day Time Strike Movement **21.00**
DC7018 Electric Striking Movement **27.00**

SESSIONS BANJO CLOCK

A reproduction of a clock found in many colonial houses. Mahogany finish case with metal fretwork and panel of George Washington. The lower panel depicts Mt. Vernon. Mounted with a gold plated eagle. Height 32 inches, width 7 inches. Metal dial having raised numerals, diameter 5 inches.

DC7014 Electric Synchronous Motor **$8.00**
DC7015 8 Day Spring Wound Movement **8.00**

GENUINE MAHOGANY STRIKING CLOCK

This new style mantle clock with burl panels 22 inches long 9½ inches high. Metal dial having raised numerals, diameter 5 inches. Strikes the westminster 6/8 altered rods half hour on single rod.

DC7019 Electric Synchronous Motor **$17.50**
DC7020 8 Day Spring Wound Movement **12.00**

ELECTRIC MANTEL CLOCK

An exceptional value in a genuine mahogany clock. Brown finished case with burl overlay. Length, 18⅝ inches, height 8½ inches. Metal dial having raised numerals, diameter 5 inches.

DC7021 Electric Synchronous Motor **$8.00**

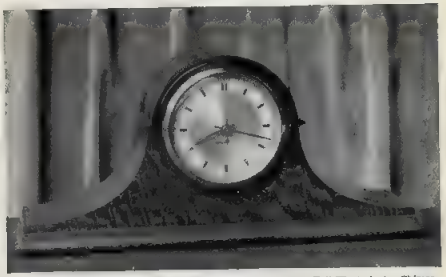
MODERN CLOCKS DE LUXE

A new group of chiming and striking clocks—electric and spring wound—having modern two-tone metal index dials, gold plated hands, and raised gold plated hour indicators. Manufactured and guaranteed by New Haven Clock Co., established in 1817. Electric clocks can be used on alternating current only, 110 to 120 volts, 60 cycles.

Prices Subject to Wholesale Discounts. See Page 2.

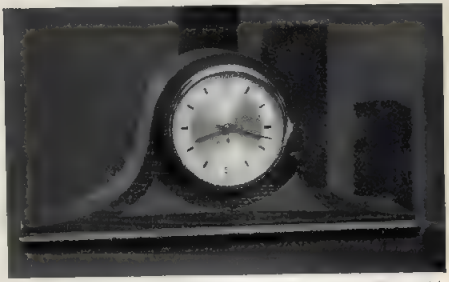
Case is made of imported selected mahogany, hand finished. Diameter of dial 5¾ inches. Strikes on the hour and half hour. Polished brass sash. Height 11¾ inches, width 7½ inches

DC7000 E wood, with Electric Motor..... ..... **$18.00**



Fine mahogany turnbour model with 5¾ inch metal index dial. Full Westminster Chimes sound on the quarter, half, three-quarter and the hour with strike on the hour. Polished brass sash. Height 9¾ inches, width 19¾ inches

DC7003 Duna with Electric Motor..... **$35.00**
DC7004 Duna with 8 Day Spring Movement **35.00**

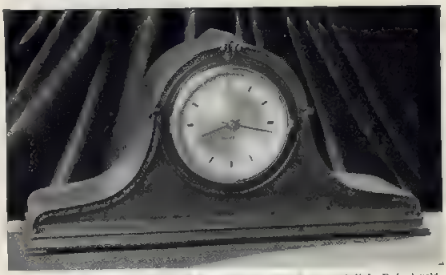


Beautifully carved case of fine selected mahogany. Modern two-toned 5¾ inch metal dial. Gold plated hands. Full Westminster Chimes on the quarter, half, three-quarter and the hour with strike on the hour. Height 10¾ inches, width 20 inches.

DC7005 Cobalt with Electric Motor **$42.00**
DC7006 Cobalt with 8 Day Spring Movement **42.00**

Fine selected mahogany case with raised panels. Modern 5¾ inch metal dial. Full Westminster Chimes on quarter, half, three-quarter and hour, followed by strike on the hour. Height 14¾ inches, width 10 inches.

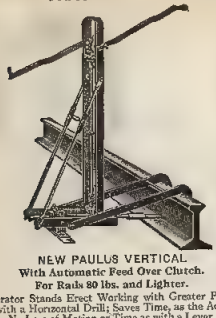
DC7001 Chester Chime with Electric Motor **$40.35**
DC7002 Chester Chime with 8 Day Spring Movement **40.35**



Imported mahogany case with raised panels. Modern 5¾ inch metal dial. Raised gold plated hour indicators and hands. Strikes on the hour and half hour. Polished brass sash. Height 8¾ inches, width 18¾ inches

DC7007 Calvin with Electric Motor..... **$21.00**
DC7008 Calvin with 8 Day Spring Movement **21.00**

TRACK DRILLS



NEW PAULUS VERTICAL
With Automatic Feed Over Clutch.
For Rails 80 lbs. and Lighter.

The Operator Stands Erect Working with Greater Power and Less Strain than with a Horizontal Drill; Saves Time, as the Action of the Bit is Continuous, No Loss of Motion or Time as with a Lever Action Ratchet Drill, the Bit is Not Withdrawn from the Rail to Get Out of Way of Passing Train; the Top of Frame is Thrown Back, Releasing the Hooks, Which are Lifted Out of the Way.

The Feed is Automatic and Requires No Adjustment.

Japanned Malleable Iron T-Frame, Braces, Hooks, Gear Wheels and Cranks, Hardwood Handles, Height, 33 inches; Width of Frame, 9¼ inches; Length of Foot Plate, 22 inches, Length of Handle Cranks, 11 inches.

	Without Drills	Each
†No. 60B—For Use with Twist Drills; Weight Each, 65 lbs.		$48.00
	Loose	

Can be Furnished for Rich Flat Bits at Additional Cost of $8.00

TRACK DRILLS

BELAND HORIZONTAL
For Light Rails; Used in Mines, Lumber Roads, Etc.

A Light, Reliable and Serviceable Drill, the Clamps Fasten Under Rail; By Shifting the Drill Along the Sliding Bar, All the Holes for Fish Plates or Frogs Can be Drilled Without Removing the Frame from the Rail.

Take Square Shank or ⅝ inch Round Shank Drills.

Is Without Drill Bit

Furnished for Square Shank Drill when Order Does Not Specify Style; Mild Steel Frame; Cast Steel Ratchet with 18 inch Gas Pipe and Wood Lever; Length of Side Bar, 23 inches; Diameter of Feed Wheel, 4¼ inches; Diameter of Feed Screw, ¾ inch, Length of Feed, 7 inches.

	Each
†No. BD—Weight Each, 25 lbs.	$11.00
Loose	

LEVER JACK SCREWS

SIMPLEX

A Ball Bearing Screw Jack with a Drop Forged Steel Cap, Heat Treated; Ball is Made of Chrome Molybdenum Steel; Hardened Thrust Washer.

The Ball Reduces Friction; Increases Power; Prevents the Jack from Twisting Under the Load; Will Lift Safely the Catalog Capacity; 4-Way Head Type, Ball-bearing Adds 42% to Lifting Capacity

STOCK SIZES

Nos.	Screw, inches	Capacity Lift in Tons	Hgt. Stand, inches	Rise of Screw, inches	Hgt. Down, inches	Wt. Each, Lbs.	Each
S81	1	5	6	4½	8¾	5	$3 10 2 60
S81½	1½	12	8	5¾	12¾	14	5.10 4 25
S101½	1½	12	10	7¾	14¼	17	5.70 4 75
S121½	1½	12	12	9¾	16¼	21	6.30 5 25
S141½	1½	12	14	11¾	18¼	26	7 20 6 00
S101¾	1¾	16	10	7¼	14¼	22	6.90 5 75
				Loose			

Nos.	Screw, inches	Capacity Lift in Tons	Hgt. Stand, inches	Rise of Screw, inches	Hgt. Down, inches	Wt. Each, Lbs.	Each
S121¾	1¾	16	12	9¼	16¼	26	$7 50 6.25
S141¾	1¾	16	14	11¾	18¾	30	8.10 6.75
S82	2	20	8	5	12¼	23	7.20 6.00
S102	2	20	10	7	14¼	25	8.10 6.75
S122	2	20	12	9	16¼	30	9.00 7.50
S142	2	20	14	11	18¼	36	9 90 8 25
				Loose			

Note.—The 1x6 inch Junior Jacks are Furnished with Lever Bar; this Jack is Packed Six to a Case; Two Red, Two Blue, and Two Green Ducoed. The Simplex Chisel Pointed Lever Bars are Made of High Carbon, Heat Treated Steel and Must be Ordered Extra as They Are Not Included in the Cost of Other Nos. of Jack Screws.

Items Marked † Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O B., Shelbyville, Ill.

RAIL BENDERS

SMITH

Double Acting, with Wrench Forged from Best Open Hearth Steel Billets; Bends or Straightens by Operation of Nut; Steel Screw with Square Machine Cut Threads, Practical in Mines; May be Used in Small Space.

Nos.	Bends Rails, lbs.	Span, ins.	Screws, ins.	Wt. Ea., lbs.	Each
✣DA1	100	26	2¾	200	$80.00 50 00
✣DA2	85	24	2½	160	72.00 45.00
✣DA3	75	22	2¼	125	52 80 33 00
✣DA4	50	18	2	90	40 00 25.00
✣DA5	25	16	1¾	70	33.60 21.00
✣DA6	16	14	1¾ Loose	50	28.80 18.00

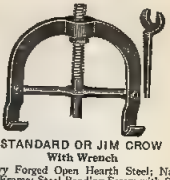
RAIL BENDERS

CHICAGO
Without Lever

Widely Used in Mines Because of Compactness and May Be Used for Many Purposes, Drawn from Best Open Hearth Steel; Natural Finish; Steel Screw with Square Cut Threads, Malleable Cap to Fit Rails.

Nos.	Bends Rails, lbs.	Lever Hole, ins.	Span, ins.	Screws, ins.	Wt. Ea., lbs.	Each
✣1B	100	1⅝	28	2¾	170	$51.00
✣2B	85	1½	28	2½	145	47 00
✣3B	75	1¼	24	2¼	110	39.00
✣4B	50	1⅛	20	2¼	85	34.00
✣5B	25	1	16	2	65	25.50
✣6B	16	0	14 Loose	1¾	40	17.00

RAIL BENDERS



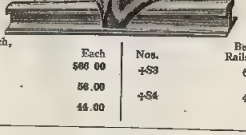
STANDARD OR JIM CROW
With Wrench

Heavy Forged Open Hearth Steel; Natural Finish Frame; Steel Bending Screw with Square Machine Cut Threads: Bolted Steel Cross Bar.

Nos.	Bends Rails, lbs.	Span, ins.	Screws, ins.	Wt. Ea. lbs.	Each
✣1N	100	28	2¾	180	$69.00
✣2N	85	24	2½	150	62.00
✣3N	75	22	2	110	49 00
✣4N	50	18	2	85	41.00
✣5N	25	16	1¾	60	31.00
✣6N	16	14	1¾ Loose	40	26 50

SAMSON

Light in Weight But Very Powerful in Action, Can be Operated by One Man.

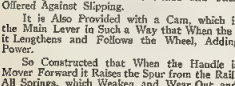


Frame, Open Hearth Steel; Screw Works in Bronze Nut and is Provided with Anti-Friction Washers; Hardened Steel Thrust.

Nos	Bends Rails, lbs.	Weight Each, lbs.	Each
✣S0	150	190	$66 00
✣S1	110	140	56.00
✣S2	80	110 Loose	44.00

Nos.	Bends Rails, lbs.	Weight Each, lbs.	Each
✣S3	60	65	$33.00
✣S4	45	35 Loose	29.00

CAR MOVERS



BADGER

The Most Powerful Device Made for Handling Freight Cars.

Has Two "Never-slip" Four Cornered Spurs, which Catch the Outer Edges of the Rail where it is Soft and Not Alone on Top of the Rail, Which has Become Case Hardened from Contact with Car Wheels; These Spurs Can be Removed and Turned Three Times and Ends Changed Should the Edges Become Dull: by Use of the Double Spur a Double Hold Upon the Rail is Obtained and Thereby Double Resistance Offered Against Slipping.

It is Also Provided with a Cam, which is Pivoted to the End of the Main Lever in Such a Way that When the Handle is Pressed Down it Lengthens and Follows the Wheel, Adding an Immense Rolling Power.

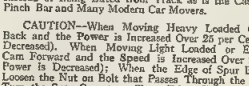
So Constructed that When the Handle is Raised to Push the Mover Forward it Raises the Spur from the Rail, thus Doing Away with All Springs, which Weaken and Wear Out and Become a Source of Detriment and Trouble.

Black Japanned Malleable Iron Socket and Shoe; Special Tool Steel Spurs; Hard Maple Handle; Varnished Two Coats; Length Over All, 62½ inches; Diameter of Handle at Socket, 2¾ inches.

Each

No. BADGER—Weight Each, 17 lbs. $14 40
No. BEH—Handles Only 8 00

Loose



RICHTAL
SAMSON PATTERN

Light in Weight, but Powerful and Compact, the Leverage of this Mover Being Compound, as Soon as Pressure is Brought to Bear Upon the Handle the Two Points Will Come in Contact with the Car Wheel at the Proper Rolling Distance from the Point Where the Wheel Rests on the Rail, and in Consequence the Car Wheel is Forced to Turn Instead of Being Lifted from Track as is the Case with the Ordinary Pinch Bar and Many Modern Car Movers.

CAUTION—When Moving Heavy Loaded Cars, Turn the Cam Back and the Power is Increased Over 25 per Cent. (But the Speed is Decreased). When Moving Light Loaded or Empty Cars Turn the Cam Forward and the Speed is Increased Over 25 per cent. (but the Power is Decreased); When the Edge of Spur Becomes Dull, Simply Loosen the Nut on Bolt that Passes Through the Clamp and Shoe and Turn the Spur Over to a Sharp Edge; Keep the Opening Under the Spring Reasonably Free from Dirt, Gravel, etc.

Black Japanned Malleable Iron Socket and Shoe; Tool Steel Spurs; Hardwood Handle; Length Over All, 5 feet 3 inches; Diameter of Handle at Socket, 2¾ inches.

Each

No RICHTAL—Weight Each, 15 lbs. $9.60

Loose

Items Marked ✣ Not Carried in Stock; Can Only be Shipped from Factory, Pittsburgh, Pa. Benders S0 to S4, Shelbyville, Ill.

New Yorker Band Instruments, Ideal School Equipment

B-*b* and A Trumpet

Here is the trumpet that meets the demand of the school musician because it is a quality instrument, yet the price is so low that it is in the reach of every student. A distinguished new model, long and compact in its lines and notably brilliant in tone. Built in B-b low pitch (A440) with slide change to A; 22⅝ inches long with 4½-inch bell. Has pearl tipped valve buttons and is complete with lyre and silver plated professional mouthpiece. Note these features; extra large calibre valves; unusually short sure valve action; double water-key; third valve finger ring.

No. 3A66. Polished brass, no case. Each 15.00

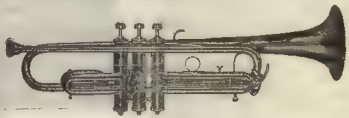
No. 3A67. Nickel plated, no case. Each 16.80

No. 3A68. Silver, gold bell, no case. Each 20.10

Plush Lined Cases for Above.

No. 3A69. Each 5.10

B-*b* and A Cornet



This new cornet with its mellow true-cornet tone and built on racy trumpet lines, will produce the real hot notes so dear to the student musician's heart. Length of mouthpiece 1¾ inches; bell 4½ inches. Made in B-b low pitch (A440) with slide change to A. Valve buttons have pearl tips. Furnished complete with lyre and silver plated professional mouthpiece. Also has extra large calibre valves; unusually short, sure valve action; double water-key; third valve finger ring.

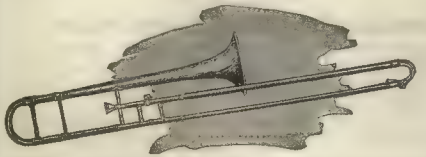
No. 3A174. Polished brass, no case. Each 15.00

No. 3A175. Nickel plated, no case. Each 16.80

No. 3A176. Silver, gold bell, no case. Each 20.10

Plush Lined Cases for Above.

No. 3A177. Each 5.10



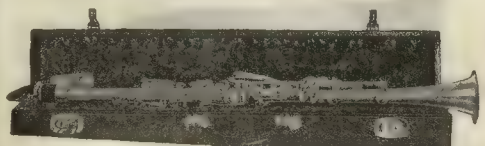
B-*b* Trombone

The B-b Trombone is full tone with keen intonation and great ease of blowing. These are the outstanding features of the New Yorker. Medium bore with 7-inch bell, nickel-silver slide stockings; convenient slide-lock. Complete with lyre and silver plated professional mouthpiece.

No. 3A182. Polished brass, no case. Each 13.20

No. 3A183. Nickel plate, no case. Each 15.00

No. 3A184. Silver, gold bell, no case. Each 18.60



B-*b* Clarinet

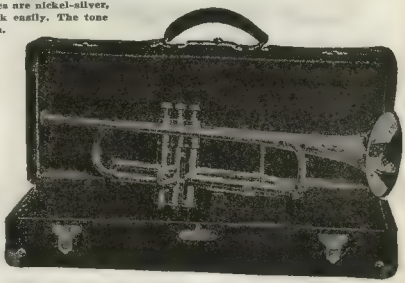
Gretsch American Clarinet—Made in U. S. A. A high grade Clarinet. Boehm System instrument, silver plated finish. This is not a brass clarinet, but is made of German silver with silver plated, satin finish. It is accurately tuned and adjusted by experts. It will be the school Clarinet this year. B-b low pitch. Comes complete in a smart up-to-date case, equipped with modern trunk style locks, covered with black grained geratol and lined with heavy dark blue plush.

No. 3A160. Each 27.00

Band Instruments

Amazing Musical Quality at Moderate Cost :-: Built Only in LOW PITCH A-440

These Band Instruments are built for service. The workmanship is excellent. The valves are nickel-silver, hand ground and fitted. Slides work easily. The tone and intonation are beyond criticism.



TWENTIETH CENTURY

B♭ and A Trumpet. Exceptional value. A real trumpet with true trumpet tone, brilliant and strong. Well made throughout with hand fitted valves, pearl finger-tips and easy working slide change to A. Lyre and silver plated mouthpiece included. We offer it here in a substantial keratol covered, fleece lined case.

No. 3A71. Brass. Complete in case. Each..... 15.30

No. 3A72. Silver Plated, Gold Bell. In case. Each..... 20.40

No. 3A73. Brass. Without case. Each 12.00

No. 3A74. Silver Plated, Gold Bell. Without case. Each.. 18.15

The Crusader Trumpet

New Air Line Model built in B♭ with quick change to A. High grade workmanship, brilliant in tone, perfect in intonation. Silver plated gold bell. Comes in form-fitting plush lined case. A wonderful value.

No. 3A43. Each..... 30.00

The Gretsch-American B-b and A Trumpet in Case

Long, racy lines—cleancut design—rare perfection of intonation—sheer brilliance of tone. Here's a trumpet of unlimited resources, adequate to every demand of every branch of modern band, dance orchestra or symphony work. It has semi-invisible slide quick change to A with positive stop. Adjustable third valve slide with finger ring and nickel stockings. Box-type, hand ground and fitted, nickel silver valves. Complete with lyre and silver-plated mouthpiece, in plush-lined keratol covered case. Length, with mouthpiece, 19½ inches; bell, 4½ inches.

No. 3A44. Polished Brass. Each..... 33.35

No. 3A45. Silver Plated, Gold Bell. Each..... 40.00

Twentieth Century Slide Trombone Outfit

Twentieth Century Slide Trombone Outfit. The workmanship is excellent. Slides work easily. The tone and intonation are beyond criticism. Can be had with or without case. Case is keratol covered and fleece lined.

No. 3A95. Polished Brass Finish. In case. Each 19.20

No. 3A96. Silver Plated, Gold Bell. In case, Each 24.60

No. 3A97. Brass Finish Without case. Each. 12.40

No. 3A98. Silver Plated, Gold Bell. Without case. Each 17.30

NEW YORK STUFFED TOY CO.

Cordially invites you to see their 1935 line of

STUFFED ANIMALS at their **SHOWROOMS 130 W. 17th St.**

All Popular Sizes Retailing from 50c Up

In addition to our new designs and styles in staple items we are offering TWO STARTLINGLY NEW PROMOTIONAL ITEMS that you simply can't afford to miss.

See New York Stuffed Toys Before Placing Your Order

HOLSTER SETS

(LARGEST VARIETY)

SINGLES-DOUBLES-COMBINATIONS

IN COLORS OF

TAN, BLACK AND COLOR VARIETIES

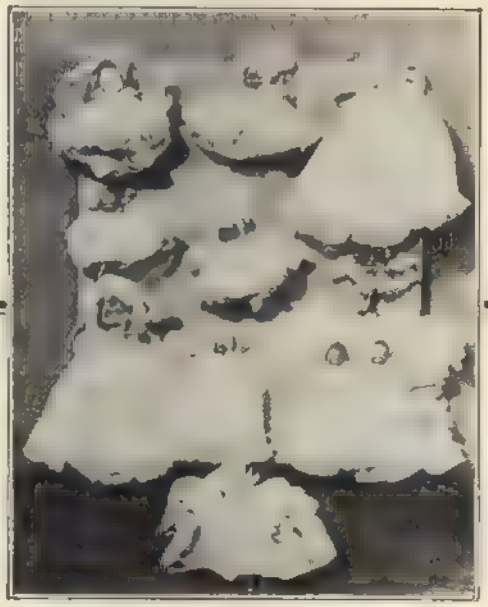
Samples and prices on request

ARROW NOVELTY CO., INC.

Factory and Showrooms:

62 WEST 14th STREET and 200 FIFTH AVENUE

NEW YORK



THE EAST COAST STUDIOS

2501 BOARDWALK, ATLANTIC CITY, N. J.

The Newest, the daintiest the most appealing things in the doll world.

We have sold to exclusive shops from Coast to Coast since 1927

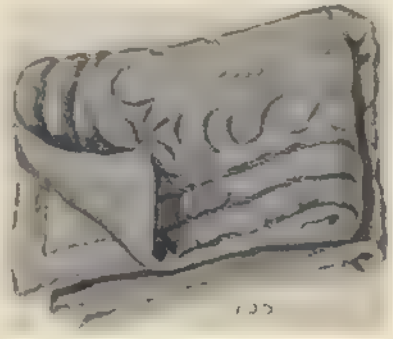
New York Representation

The BUSH TERMINAL SALES Bldg. 130 W 42nd St

The DE ROSE STUDIOS 225 Fifth Avenue

Chicago BESS WARNS, 1524 A Merchandise Mart

La the Coast MURIEL RASMUSSEN 921 Crest Drive San Jose Cal



Doll Up Your Doll Beds

with

"NEWARK" DOLL QUILTS

and PILLOWS

Retailing from 25c to $1.00

Covered with beautiful pink and blue "Dobby" Rayons, silks and satins, filled with sanitary pure white Chinese cotton. Fancy stitching throughout. Size 18 x 24 inches. For doll carriages bassinettes cribs etc

Complete line on display at MOSELEY & ABRAHAMS Room 307-200 Fifth Avenue New York City

NEWARK QUILT CO., Inc.

Factory: 130 West Market St., Newark, N. J

Same Management as *Acme* Quilting Co., Inc.

MICKEY MOUSE Safety BLOCKS

By Halsam

LICENSED BY WALT DISNEY ENTERPRISES

HALSAM PRODUCTS CO., INC.
4114 RAVENSWOOD AVENUE, CHICAGO, ILLINOIS
NEW YORK OFFICE:
ROOM 463, FIFTH AVE. BUILDING, PHONE GRAMERCY 5-6403

An **EXCLUSIVE CREATION**

STANLO for 1935
OFFERS

STANLO Plus POWER — new sets with the powerful STANLO Electric Motor and the wonder Control Box

A STANLO SET No. 1 to sell at **$1.00**

A NEW STANLO SET No. 1½ with electric lights to sell at **$2.00**

New York — 200 Fifth Avenue — Mr. Leo Levy
San Francisco — 718 Mission St. — M. Sweyd & Son

VISTA

DOLL HOUSES
Electric Lighted
Scenes Visible Through the Windows

VISTA

MERCHANDISE OF MERIT

REALISM
EYE APPEAL
INTEREST

VISTA TOY COMPANY CASSOPOLIS MICHIGAN

Columbia **Cycles**
"Standard of the World"

BOYCYCLES—GIRLCYCLES
SIDEWALK BIKES
TOYS—CHILDREN'S GOODS

Housefurnishings - Infants' Furniture
Lawn and Summer Goods
Hardware Specialties

Descriptive Circulars Sent on Request
STEINFELD, Inc., 11-13 E. 26th St., New York

A BIGGER and BETTER YEAR COMING

GOLDEN FLEECE TOYS

SEE US AT THE TOY FAIR

Cash in on this unique, fast-selling line! Write for illustrated folder.

WINCHESTER TOY COMPANY
DIVISION A. G. LAWRENCE LEATHER COMPANY
PEABODY MASS.

TOYCO Sponge Rubber RETURN BALLS

1c - 2c - 3c and 5c Retail

Toyco De Luxe Sponge Rubber Return Balls are made with a high gloss finish on brilliant colors. Write for particulars.

THE TOYCRAFT RUBBER COMPANY
DEPT. P ASHLAND, OHIO

LINCOLN LOGS AND **HISTORICAL FIGURES**

NEW TOYS
For 1935

Still greater play value has been given to the ever popular Lincoln Logs by the addition of an assortment of Pioneers, Cowboys, Soldiers, Indians, etc., made from a new hard metal which is practically unbreakable. These figures are also sold in separate sets

For catalog and discounts address

J. L. WRIGHT, Inc.
1443 Merchandise Mart, Chicago

East Coast Distributor
J. WARREN WILEY,
200 Fifth Avenue,
New York City, N. Y.

West Coast Distributor
M. SWEYD & SON,
718 Mission St.,
San Francisco, Calif.

KEEP YOUR EYE ON THE ADS

New toys are announced FIRST in PLAYTHINGS. Watch the advertisements for profitable, new merchandise.

YU SHURE WANTS TU SEE ME MUSIKAL PIPE. IT'S TH' FASES SELLIN ARTIKLE YU EVER SEED. TH NORTHWESTERN PRODUCTS FOLKS'LL BE IN 538 FIFT'AVE BILDING - YU'MUS'KUM UP CAUSE THEY GOT A NEW ED WYNN TOY TOO. AN LOTTSA OTHER THINGS
See "NORTH WESTERN" for "ORIGINAL TOYS" every one a winner

On Exhibit—Rooms 538 and 553, Fifth Avenue Building

NEW COMBINATION GAMES
Entirely Different Retail from 25c to $3.95

NEW CONSTRUCTION SETS
Volume Numbers From $1.00 to $3.95

NEW ED. WYNN TOY
To retail at 10c

— AND —

THE "INTERNATIONALLY FAMOUS"
MUSICAL POPEYE PIPE
The 10c Number with "Dollar Toy" Volume.

NRA

AMERICAN TOYS

NEW YORK Office:
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NORTHWESTERN PRODUCTS
Div. of NORTHWESTERN MAIL BOX CO.
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300 W. ADAMS ST.

When writing to Northwestern Products, will you please mention PLAYTHINGS?

Desk Lamps --- Conventional and Novelty Designs

Bulbs Not Included

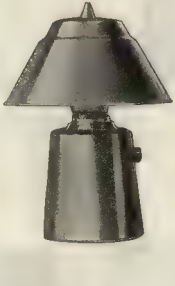
Desk Lamp. Height 11 inches, all metal bronze finish, adjustable shade 9x4 inches, rigid post, 6x5 base has two pencil grooves and a pin receptacle. Each in carton.

No. 2C49. Per dozen... 14.50
Each 1.25

Flexible Arm Desk Lamp. Cast metal base has convenient ash or pin tray and pencil groove. Flexible arm adjustable to any position. Wired with key socket, cord and plug. Finished in green or bronze enamel.

No. 2C76/1. Green Enamel.
Each..... .80

No. 2C76/2. Bronze Enamel.
Each..... .80



Electric Glow Lamp. Height 8¼ inches. Solid Copper, highly polished finish. Admirably suited for its many uses. Wired with turn knob socket, cord and plug. Each in carton.

No. 2C64.
Per dozen. 12.00
Each 1.05

"North • Star" Electric Glow Lamp. Height 9 inches. Beautiful satin aluminum finish with blue enamel trim. Wired with turn knob socket, cord and plug. Each in carton.

No. 2C65.
Per dozen. 12.00
Each 1.05

Desk Lamp. Height overall, 12½ inches. Chromium plated, arm has universal ball joint, shade can be adjusted to any angle, base mounted with cast metal figures of Scotty dogs finished in black. Wired with push socket, cord and plug. Each in carton.

No. 2C90. Each..... 2.00

Desk Lamp. Height overall, 15 inches. Chromium plated, adjustable flexible arm, shade can be adjusted to any angle, base mounted with cast metal figure of golfer in bronze finish, wired with push socket, cord and plug. Each in carton.

No. 2C89.
Each..... 1.75

Combination Ash Tray Lamp. Chromium plated with a removable ash container with topsy-turvy cover. Height 13 inches, shade 6 inches, base 7½x4½ inches. Base equipped with rubber pads, with cast metal discus thrower. Wired complete with push through socket, cord and plug. Each in carton.

No. 2C105. Each..... 3.25

Popular Electric Table Lamps

BULBS NOT INCLUDED

Pottery Table Lamp. Height over all, 13¾ inches, pottery base, highly glazed and colored, choice of Maple, Green or Blue. Wired with push socket, cord and plug. Furnished with 12-inch paper parchment shade, appropriately decorated. 1 dozen in carton.

No. 2C80/1. Maple.
No. 2C80/2. Green.
No. 2C80/3. Blue.
Per dozen 11.40
Each 1.00

Pottery Table Lamp. Height over all, 18 inches. Highly glazed pottery base in choice of colors: Maple, Green or Ivory. Each in carton. Equipped with turn socket, cord and plug. Large 16-inch parchment shade decorated in harmonizing colors.

No. 2C96/1. Maple.
No. 2C96/2. Green.
No. 2C96/3. Ivory.
Each... 1.50

Electric Table Lamp. Height over all, 19½ inches. Highly glazed white semi-porcelain urn shape base. Wired with push socket, cord and plug. Decorated French motif parchment shade, 14 inches in diameter.

No. 2C111. Each..... 2.00

Electric Table Lamp. Height over all, 18½ inches. Chromium plated metal base, trimmed with black. Wired with push socket, cord and plug. Furnished with 13-inch pearl grey paper parchment shade with silver and black trim.

No. 2C67. Each..... 1.75

Electric Table Lamp. Height over all, 20¾ inches. Cast metal base in fancy design and finished in antiqued ivory. Wired with push socket, cord and plug. Complete with 15-inch paper parchment shade decorated in blending colors.

No. 2C110. Each..... 2.25

Electric Table Lamp. Height over all, 19½ inches. Chromium plated metal base, trimmed with black. Wired with push socket, cord and plug. Furnished with 13-inch pearl grey paper parchment shade, trimmed to harmonize.

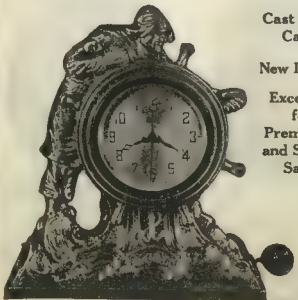
No. 2C66. Each..... 1.75

Electric Clocks

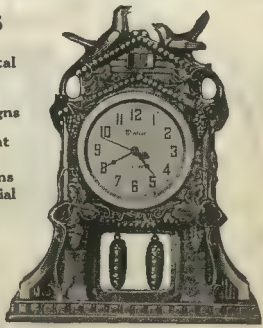
Cast Metal Cases

New Designs

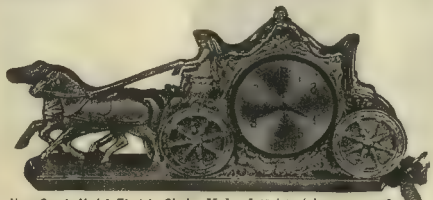
Excellent for Premiums and Special Sales



"The Storm" English Silver finish, cast metal case, fitted with synchronous type 60 cycle alternating motor of dependable quality, 4¼-inch silver finished dial with raised numerals. Length, 10 inches; height, 11¼ inches.
No. 62W150. Each..... 1.95



Cuckoo Style Electric Clock. Cast metal case, oxidized bronze finish, 4⅜-inch silver finished dial, raised two-tone gold and black figures, black hands, red sweep second hand, with convex crystal, dependable electric motor. A very popular design. Height, 12¾ inches; width, 10⅝ inches.
No. 62W151. Each..... 1.95



The New Coach Model Electric Clock. Made of cast metal, beautifully finished in two color gilt and English silver, fitted with 60 cycle synchronous alternating current motor of dependable quality, 4-inch silver finished raised figure dial. Length, 17 inches; height, 7½ inches.

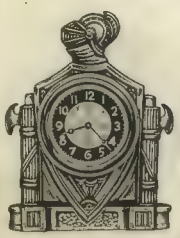
No. 62W152. Gilt.
No. 62W153. Silver. } Each 1.95

We are constantly adding new novelty clocks to our line. If interested, write for illustrations and prices.

Ship Model Electric Clock. Cast metal case of ship in full sail. Oxidized bronze finish, 4¾-inch silver finished dial with two-tone black and gold raised figures, black hands, and sweep second hand; dependable electric motor. Height, 11 inches; width, 12¼ inches.
No. 62W154. Each..... 1.95

NEW NOVELTY CLOCKS

CAST METAL CASES—SELECTED SUBJECTS—BIG VALUES



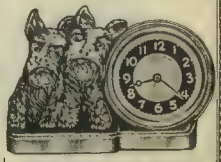
Shield Novelty Clock. Cast metal case, oxidized silver finish, fine quality one-day guaranteed thin movement, with silver and black ribbon dial, and unbreakable crystal. Height, 5 inches; width, 4 inches.
No. 62W44. Each 1.25

Ukelele Novelty Clock. Cast metal case, oxidized silver finish, guaranteed 30-hour movement, with silver and black ribbon dial. Length, 6⅝ inches.
No. 62W43. Each..... 1.25

Roosevelt "The Man of the Hour" Novelty Clock. Cast metal case, oxidized silver finish, fine quality one-day movement, fancy silver and black ribbon dial. Height, 6 inches, width, 3¼ inches.
No. 62W45. Each..... 1.25

Coach Novelty Clock. Cast metal case, oxidized silver finish fine quality one-day time movement, with silver and black ribbon dial. Height, 3½ inches, width, 4⅝ inches.
No. 62W46. Each..... 1.25

Ship Novelty Clock. Cast metal case, oxidized silver finish, fine quality one-day movement, with silver and black ribbon dial. Height, 4⅛ inches; width, 4 inches.
No. 62W47. Each..... 1.25



Scottie Novelty Clock. Cast metal case, oxidized bronze finish, fine quality one-day movement, with gold and black ribbon dial. Height, 2¾ inches, width, 4⅝ inches.
No. 62W48. Each..... 1.25

Golfer Novelty Clock. Cast metal case, rich gold or bronze finish, fine quality one-day guaranteed thin movement, with gold and black metal ribbon dial, unbreakable crystal. Height, 3⅞ inches; width, 3½ inches.
No. 62W49. Each..... 1.50

Scottie Parasol Clock. A beautiful design case made of synthetic wood hand colored fitted with umbrella type easel and guaranteed one-day thin movement, and metal ribbon effect dial. Height, 3½ inches; width, 4 inches.
No. 62W50. Each..... 1.50

Police Dog Novelty Clock. Cast metal case, dog mounted on base finished in rich gold, 30-hour fine quality guaranteed thin movement with metallic ribbon effect dial. Height, 4¼ inches; width, 3½ inches.
No. 62W51. Each..... 1.50

Novelty Alarm Clocks

Ingersoll Waterbury New Mickey Mouse Alarm Clock. An animated Mickey Mouse on the dial, head wags and hands point the time. Green case. A self display carton makes selling easy.
No. 62W21. Each..... 1.03

New Haven Tidy Tot Alarm Clock. Octagonal metal case, nickel finish, with unbreakable crystal, back bell alarm with shut off and 30 hour dependable movement. White dial. Height, 3⅜ inches. Width, 2¾ inches.
No. 62W22. Each..... 1.75

Streamline Landscape Alarm. Metallic green case with polished brass trimming. Landscape dial in natural colors with ribbon effect numerals. 30-hour guaranteed movement, 4-inch dial, convex glass. Height 5 inches, width 4⅝ inches.
No. 62W23. Each..... .88

Patented Thermo Alarm Clock. Copper finish. Top handle and feet. Buff dial. Guaranteed movement and accurate thermometer. Width 4 inches, height 4½ inches.
No. 62W24. Each..... 1.02

MUSICAL ALARM CLOCK
Wakens You to the Strains of Sweet Music

Musical Alarm Clock, with visible works, brass case, heavily nickel plated. Heavy glass front and sides, extension base, handle on top. Set same as ordinary alarm clock and plays musical tune for several bars.
No. 62W25. Each..... 3.95

A novel idea. Originated, designed and manufactured by us. Not only is this clock ornamental in appearance but it is useful as a timepiece and each has the added feature of playing two different tunes. Simple and compact, the music apparatus is so arranged that by lifting the clock up, the strains of sweet music are immediately heard and when the clock is put down the music stops. This music arrangement is independent of the clock and can be wound and played whenever desired. The 30-hour clock movement is the best American manufacture.

The case is moulded of metal in shape of a radio console showing on front below clock dial, a panel with radio dials, etc. Lower part of front representing the doors is engraved with life-like portraits in relief of Wagner and Schubert, the noted composers, embellished with musical instruments. Each side of case is engraved with musical notes and instruments. Case is 8 inches high and 5¼ inches wide. Weighs about 5 pounds.

We recommend this article, as all who have seen it have been enthusiastic about it. Order a sample and see for yourself

No. 62W26. Oxidized Silver Finish.....
No. 62W27. Gilt Finish.....
No. 62W28. Antique Mahogany Finish..... } Each 5.50

Antimony Table Lighters

Cast Antimony Figures—Silver Finish. Low Priced for Den, Library and Office. Ideal for Premiums, Bridge Prizes, etc.

Elephant Lighter. Figure of elephant with barrel. Made of antimony. Finished in bright silver effect. Jointed barrel with lighter inside. Each in box, one dozen in carton.
No. 88J858. Per gross..... 18.00
Per dozen 1.75

Dog in Barrel Lighter. Made of antimony. Finished in bright silver effect. Jointed head with lighter inside.
No. 88J859/1.
Per gross..... 18.00
Per dozen 1.75

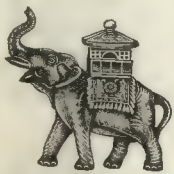
Elephant in Barrel Lighter. Made of antimony. Finished in bright silver effect. Jointed head with lighter inside.
No. 88J859/2.
Per gross..... 18.00
Per dozen 1.75

Upright Dog Lighter. Made of antimony. Finished in brucht silver effect Jointed head with lighter inside. Each in box, one dozen in carton.
No. 88J857.
Per gross. ... 18.00
Per dozen 1.75

Scottie Dog Lighter and Paper Weight. Made of antimony, silver finish, perfectly proportioned, jointed head with lighter inside. Height, 2¾ inches. Each in box. One dozen in carton.
No. 88J593. Per dozen..... 2.00

Camel Lighter and Paper Weight. Made of antimony, bright silver finish, jointed top with lighter inside. Height, 3 inches. Each in box. One dozen in carton.
No. 88J751. Per dozen..... 2.25

Scottie Dog Lighter and Paper Weight. Made of antimony, oxidized finish. Jointed head with lighter inside. Height, 3 inches. Each in box. One dozen in carton
No. 88J656. Per dozen..... 1.90



Elephant Lighter and Paper Weight. Made of antimony, silver finish, jointed Pagoda top with lighter inside. Height, 3¼ inches. Each in box. One dozen in carton.
No. 88J752. Per dozen..... 2.25

Knight in Armor, Lighter and Paper Weight. Made of antimony, silver finish, jointed head with lighter inside. Height, 3¾ inches. Each in box. One dozen in carton.
No. 88J753. Per dozen..... 2.25

Globe Desk Lighter and Paper Weight. Made of antimony, fancy oxidized base with dragon design in relief, polished globe, silver finish, jointed top with lighter inside. Height, 4½ inches. Each in box.
No. 88J632. Per dozen..... 3.25

REGULAR STYLE.

Per Set

No. S2-10—Croquet Sets; four-ball set; rock maple balls and stakes, varnished; plain mallets, with ash handles; 10 polished iron arches; book; weight per set, 12½ lbs. . . $2.80

No. S2-20—Croquet Sets; six-ball set; same as No. S2-10; weight per set, 17 lbs. 3.80

No. S2-50—Croquet Sets; eight-ball set; all parts varnished; mallets painted; 2 eight-colored stakes; 10 polished iron arches; with book; weight per set, 20 lbs. 5.50

Four-ball set with all parts completely varnished. Fancy rock maple mallet head 2¼x5 inches. Packed in new vertical lawn rack, which is packed in carton for shipment. Weight per set, 12 lbs.

Each

No. S2-B425—Croquet Sets. . . $3.60

No. S2-B625—Croquet Sets; same as No. S2-B425, except in a 6-ball set; weight per set, 14 lbs. . . . 4.80

No. S2-B825—Croquet Sets; same as No. S2-B425, except in a 8-ball set; weight per set, 17 lbs. 6.00

PROFESSIONAL STYLE.

LONG MALLETS.

Per Set

No. S2-40—Croquet Sets; four-ball set; full varnished and striped balls, handles and stakes; 8-inch mallets with short handles, painted and striped; galvanized arches; weight per set, 17 lbs. $6.00

No. S2-45—Croquet Sets; six-ball set; otherwise the same as No. 40; weight per set, 27 lbs. 7.00

PROFESSIONAL STYLE.

A high grade six-ball set with 8½ inch highly polished rock maple mallets, with beaded handles. Heavy beaded stakes 3⅝ inch rock maple balls with pin striping. All parts finely finished with shellac and varnish and hand rubbed. Complete with heavy wire arches and rule book. Packed in new vertical lawn rack which is attractively finished in maple stain. Packed individually in heavy shipping carton.

Per Set

No. S2-GG625—Croquet Sets; weight per set, 22 lbs. $9.50

PITCHING HORSESHOES.

EAGLE RINGER.

Drop forged, hardened from special diamond horseshoe steel.

Dead falling type; finished in bronze and silver. Made in one size only, 2 lbs. 8 ozs.

Per Pair

No. S-ERB—Pitching Horseshoes; bronze finish. $2.40

No. S-ERS—Pitching Horseshoes; silver finish. 2.40

Packed in pairs.

OCTIGAN REGULATION.

Drop Forged, Official Weight.

Made of drop forged steel, conforming to the requirements of the National Horseshoe Pitchers' Association. Shoes handsomely enameled in bronze and silver. Perfectly balanced, no rough edges or corners. Each pair put up in attractive strong cardboard boxes, and rules are bound in booklet form, vest pocket size, and indexed for prompt reference.

Per Pair

No. S-MHB—Pitching Horseshoes; weight each, 2½ lbs.; bronze finish. $1.40

No. S-MHS—Pitching Horseshoes; weight each, 2½ lbs.; silver finish. 1.40

No. S-WPB—Women's Pitching Horseshoes; weight each, 1½ lbs.; bronze finish 1.30

No. S-WPS—Women's Pitching Horseshoes; weight each, 1½ lbs.; silver finish. 1.30

PITCHING HORSESHOE STAKES.

Per Pair

No. S-HS—Pitching Horseshoe Stakes; made of drop forged steel. $1.40

BASE BALL BATS.

HILLERICH & BRADSBY.

Bats are not guaranteed against breakage. This non-guarantee applies to all bats, heavy, medium and light. Most breakages result from accident or misuse. Dealers who replace bats must be prepared to take full responsibility for their action.

Extra charge of rndz per dozen for special bats that require special turning or branding, which are not regularly listed stock numbers and regular weights and lengths.

LOUISVILLE SLUGGERS.

Only the best quality selected ash is used in turning these bats; the timber is seasoned in the open air from 12 to 24 months. All bats are treated by a special process that reduces chipping and peeling to a minimum, increases the driving power of the bat and prolongs its life. The finish, a very attractive tobacco brown.

Per Dozen

No. S-40LG—Lou Gehrig; oil tempered bone rubbed finish; extra large barrel tapering to medium small handle and knob, with weight concentrated in barrel; registered trade-mark autograph of Lou Gehrig; lengths, 33 to 36 inches; assorted weights.....$42.00

No. S-40BR—Babe Ruth; bone rubbed finish; Babe Ruth's special model with his autograph burnt on; none genuine without it; lengths, 32 to 36 inches..... 42.00

No. S-40JC—Joe Cronin; bone rubbed finish; large barrel, medium handle; lengths, 32 to 36 inches..... 42.00

No. S-40CK—Chuck Klein; bone rubbed finish; golden handle; lengths, 32 to 36 inches..... 42.00

No. S-40JB—Jim Bottomley; bone rubbed finish; lengths, 33 to 35 inches..... 42.00

No. S-40JF—Jimmie Foxx; bone rubbed; dark finish; lengths, 32 to 36 inches..... 42.00

No. S-40AS—Al Simmons; bone rubbed; dark finish; lengths, 32 to 36 inches..... 42.00

No. S-40RH—Rogers Hornsby; bone rubbed finish; lengths, 32 to 36 inches..... 42.00

No. S-40PW—Paul Waner; bone rubbed finish; medium large barrel with gradual taper to large handle and medium knob; registered trade-mark autograph of Paul Waner; lengths, 33 to 36 inches; assorted weights 42.00

Per Dozen

No. S-20—A grade, right next to the Louisville Slugger; assorted models of famous players; branded American and National League; length, 32 to 36 inches.....$26.40

Per Dozen

No. S-16—Second growth ash; 32 to 36 inches long; new special burnt oil finish, hand turned, highly polished; transfers assorted models; assorted weights; branded "Burnt Oil Finish".....$24.00

Per Dozen

No. S-24—Fungo willow; 36 inches long; branded "Fungo"; full size men's bat.....$16.00

Per Dozen

No. S-11B—Second growth ash; 32 to 36 inches long; dark finish, highly polished, with new transfer, branded "Semi-Pro"; taped handle.....$15.00

Per Dozen

No. S-2—Champion; flame burnt, natural finish; lengths, 32 to 35 inches.....$8.00

BOYS' MODELS.

Per Dozen

No. S-40BRJ—Babe Ruth Junior; same as No. 40BR only junior size; 32 inches long.....$15.00

Per Dozen

No. S-4—Junior League; 32 inches long; highly polished.....$4.00

SOFT BALL BATS.

MASTER SLUGGER MODEL.

Per Dozen

No. S-250H—Hickory, light brown finish; Zapon grip; 33 and 34 inches; 2-inch barrel.....$30.00

SUPREME SLUGGER MODEL.

Per Dozen

No. S-125W—Ash, natural white finish; Zapon grip; 33 and 34 inches; 2 1/16-inch barrel.....$30.00

REGULATION.

Per Dozen

No. S-101—Ash, golden oil finish, with white taped handle; 33 and 34 inches; 2 5/16-inch barrel.....$21.00

Per Dozen

No. S-54—Ash, light brown finish, with white taped handle; 33 and 34 inches; 2 5/16-inch barrel.....$16.80

Per Dozen

No. S-52H—Hickory, dark brown finish, with black taped handle; 33 and 34 inches; 2 5/16-inch barrel.....$12.60

Per Dozen

No. S-BE—Ash, golden flame burnt finish, with black taped handle; 33 and 34 inches; 2-inch barrel.....$7.50

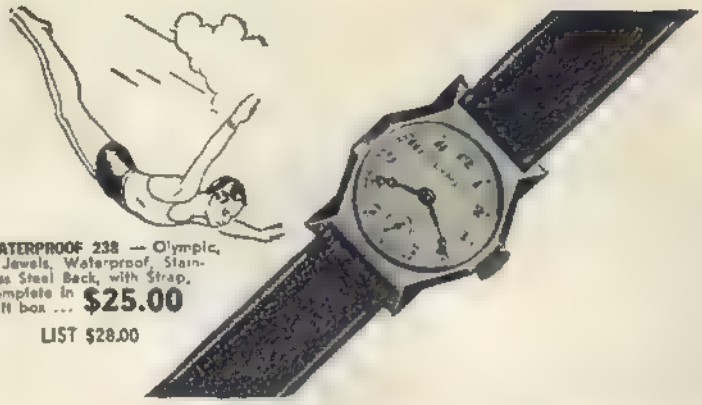
The official N. S. B. A. specifications for soft ball bats are no longer than 34 inches and no larger than 2 1/4 inches in diameter at its largest part.

All of above packed one in a paper bag; three dozen in a crate; weight per crate, 85 to 155 lbs.

OLYMPIC WATCHES

GUARANTEED WATERPROOF — DUSTPROOF

A LEADER amongst sportsmen, explorers, travelers. Guaranteed absolutely waterproof, moistureproof and shockproof; the three enemies of watches finally conquered. It has a smart hand-lapped case, stainless steel back, which makes it the best watch for all around wear we know of.



WATERPROOF 238 — Olympic, 7 Jewels, Waterproof, Stainless Steel Back, with Strap, complete in gift box ... **$25.00**
LIST $28.00

for MEN

7 and 17 JEWELS

CADET 239 —Olympic, 7 Jewels, Chromium Plated Case, Luminous or Raised Gilt Figure Dial, Bracelet to Match, complete in gift box **$13.50**

MAJOR 240 —Olympic, 7 Jewels, Chromium Plated Case, Stainless Steel Back, Luminous or Raised Gilt Figure Dial Bracelet to Match, complete in gift box ... **$14.25**

COLONEL 241 —Same but 7 Jewels, Rolled Gold Plate Case, Coin Gold Color, **with Strap**, complete in gift box. **$20.00**

AVIATOR 242 —Olympic, 7 Jewels, Chromium Plated Case, Bracelet, Dial with modern raised gilt figures.. **$19.00**

GOLF 243 —Same but 7 Jewels, 10 Karat Rolled Gold Plated Case, Coin Gold Color, **with Strap**, complete in gift box ... **$25.00**

POLO 244 —Same but **17 Jewels**, 10 Karat Rolled Gold Plated Case, Coin Gold Color, with Strap, complete in gift box ... **$28.00**

BARON 245 — Olympic, 7 Jewels, Chromium Plated Case, with Strap, Dial with raised oxidized figures, complete in gift box .. **$19.00**

DUKE 246—Olympic 17 Jewels, Chrom. Plated Case, Dial with raised oxidized figures, complete in gift box **$22.50**

FOR DOCTORS, NURSES, SPORTSMEN, ETC.

To quickly measure time to a second or a fraction of a second Doctors, Nurses, and Sportsmen in all fields, look for special designed watches such as the two latest models shown below.

MODERN 247 —Olympic, 7 Jewels, Duo Dial, Chrom. Plated Case, with Strap complete in gift box ... **$20.00**

PROFESSIONAL 248 —Olympic, **17 Jewels**, Duo Dial, 10 Karat, Rolled Gold Plated Case, Coin Gold Color, with Strap, complete in gift box **$28.00**

NURSE 249 —Olympic, 7 Jewels Chromium Plated Case, WITH CENTER SECONDS, complete in gift box **$20.00**

LAFAYETTE SPECIALS

SPORT 250 —Lafayette, 7 Jewels, Chromium Plated Case, complete in gift box ... **$15.00**

WEST POINT 251 —Lafayette, 7 Jewels, Chromium Plated Case, complete in gift box ... **$15.00**

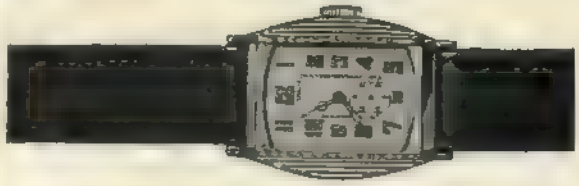
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

All Clinton Watches Come in Attractive Gift Boxes

CLINTON WATCHES

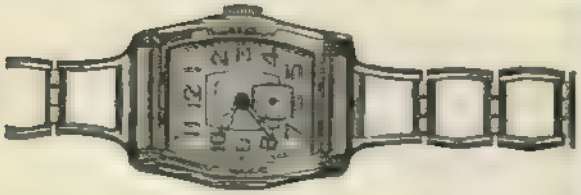
★ CASED AND TIMED IN U.S.A. ★

All Clinton Watches Are Cased and Timed in America



10½ ligne 7 jewel movement. Chromium plated case; leather strap. Your choice of luminous or raised gold figure dial.

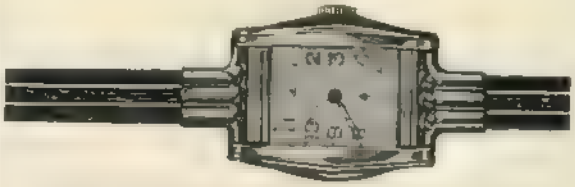
C371 PRICE **$14.25**



10½ ligne 7 jewel movement. White or Yellow case with open link band to match. State your choice of luminous or raised gold figure dial.

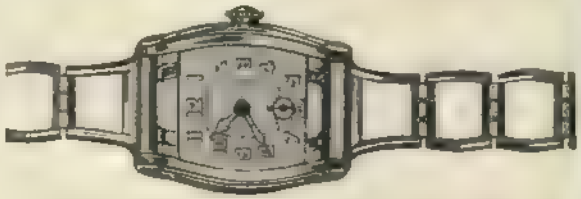
C381 With Chromium finished case..... **$15.00**

C382 With 10K Yellow rolled gold plate case..... **21.00**



10½ ligne 7 jewel movement. Chromium plated case; leather cord bracelet. Your choice of luminous or raised gold figure dial.

C373 PRICE **$16.50**



10½ ligne 7 jewel movement. Chromium plated case with metal bracelet to match. Specify your choice of luminous or raised gold figure dial.

C383 PRICE **$15.75**

New Duo-Dial watch for doctors and nurses. 8⅜ x 12 ligne 7 jewel movement. White or Yellow case with open link band to match.

C375 With Chromium plated case **$20.25**

C376 With 10K Yellow rolled gold plate case..... **26.25**

10½ ligne 7 jewel movement. Chromium plated case with metal bracelet to match. Specify your choice of luminous or raised gold figure dial.

C385 PRICE **$15.75**

10½ ligne 17 jewel cut balance movement. Chromium plated case, leather strap. Raised gold figure dial.

C377 PRICE **$21.00**

10½ ligne 7 jewel movement. White or Yellow case with open link bracelet to match. Your choice of luminous or raised gold figure dial.

C387 With Chromium plated case **$15.75**

C388 With 10K Yellow rolled gold plate case..... **22.25**

17 JEWEL CLINTON

The handsome Clinton watch shown above has a 10½ ligne 17 jewel cut bal. movement. Smartly designed modern case of chromium plate, with raised gold figure dial. Leather cord bracelet attached.

C379 PRICE **$23.25**

WHITE OR YELLOW

Clinton 10½ ligne 17 jewel cut bal. movement in your choice of White chromium plated case or Yellow 10K rolled gold plate case with open link bracelet to match. Raised gold figure dial.

C389 Chromium case **$21.75**

C390 Yellow gold case..... **29.25**

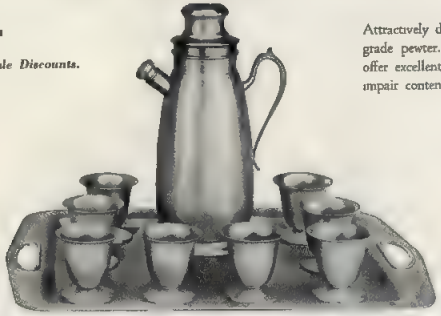
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PEWTER BEVERAGE ARTICLES

Grey Finish

Prices Subject to Wholesale Discounts.
See Page 2.

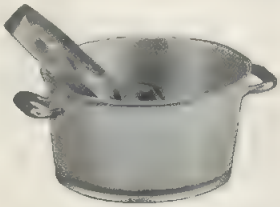
Attractively designed beverage articles in high grade pewter. Well made and finished they offer excellent value. Fully guaranteed not to impair contents.



A fine substantial set made of finest quality pewter. Plain design. Grey finish

DS5773 Beverage Set, 10 pieces, as illustrated $37.50
DS5774 Shaker, height 11 inches, capacity 1¼ quarts 9.00
Friction fit pull type cover with metal cork. Screw cap on spout.
DS5775 Beakers, height 2¾ inches, footed. . . . . each 1.50
DS5776 Tray with cut out handles, length 17 inches, width 9½ inches 16.50

DS5777 What'll Yer Have . . $9.00
A very popular fine pewter shaker with attractive grape design decorations. Has 18 recipes embossed on body. Capacity 1½ quarts, height 10½ inches. Pours from top and has strainer in cover.



DS5778 Ice Tub and Tongs $8.50
Plain design. Grey finish. Side handles. Removable drain. Diameter 6 inches, height 3½ inches
DS5779 Tongs only, length 6 inches $1.40

DS5780 Ice Pail and Tongs . . . $8.00
Hammered design. Grey finish. Swinging handle. Removable drain. Height, not including handle, 5½ inches. Diameter 5 inches. Length of tongs 8½ inches

DS5781 Beverage Shaker $10.00
Plain design. Grey finish. Substantially made. Friction fit pull type cover with a metal cork. Screw cap in spout. Capacity 1½ quarts. Height 10¼ inches.

Finest quality pewter. Hammered design. Grey finish. Very popular

DS5782 Beverage Set, 8 pieces, as illustrated $23.00
DS5783 Shaker, height 10 inches, capacity 1¼ quarts 9.00
Friction fit pull type cover metal cork in cover and spout
DS5784 Beakers, height 2¾ inches. . . . . each 1.50
DS5785 Tray, length 12 inches, width 9 inches 4.00

DS5786 Beverage Shaker. $12.00
A fine large shaker in the practical hammered design. Grey finish. Friction fit pull type cover with metal cork. Screw cap on spout. Capacity 2 quarts. Height 12¾ inches.

CHROMIUM PLATED BEVERAGE ARTICLES

Attractive beverage sets heavily plated with durable chromium. The beautiful highly polished bright finish will never tarnish and requires no polishing. Fully guaranteed.

Prices Subject to Wholesale Discounts. See Page 2.

An attractive set in a plain design. Very reasonably priced

D85734 Beverage set, 8 pieces as illustrated $22.50
D85735 Shaker, capacity 2 quarts. Height 12¾ inches 3.20
Friction fit pull type cover. Screw cap on spout
D85736 Goblets, height 2¼ inches ..... each 2.10
D85737 Tray with cut out handles. Size 17⅛ x 11 inches 5.80

Handsome and Substantially Made. Very Popular

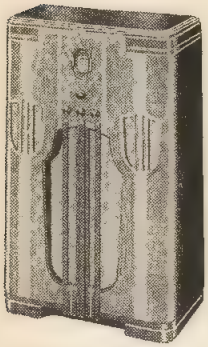
D85738 Beverage Set, 8 pieces as illustrated $25.00
D85739 Shaker, capacity 2 quarts, height 13 inches 10.00
Friction fit pull type cover. Screw cap on spout
D85740 Goblets, height 3 inches ..... Each 2.10
D85741 Tray with cut out handles, size 18⅜ x 12 inches 6.70

A beautiful beverage set. Decorative style. Fluted design. Genuine ebony handles, onyx color on shaker and tray. Excellent value
D85742 Beverage Set, 8 pieces, as illustrated $30.00
D85743 Shaker. Capacity 2 quarts. Height 14 inches 16.00
Friction fit pull type cover. Screw cap on spout
D85744 Goblets, height 3¾ inches ..... Each 2.00
D85745 Tray, height 20¼ inches, width 12⅝ inches 8.00

A fine substantial cocktail set in a plain design. A popular gift
D85746 Beverage Set, 10 pieces $30.00
D85747 Shaker, capacity 2 quarts 11.70
Height 13⅜ inches. Friction fit pull type cover. Screw cap on spout
D85748 Goblets, height 3¾ inches ..... Each $2.50
D85749 Ice Tong and Tongs 9.10
Beautifully decorated. Height 5¾ inches. Diameter 5⅛ inches
D85750 Tray, size 20 x 12½ inches $10.90
Cut out handles. Fluted edge

PHILCO RADIOS AND RADIO ACCESSORIES

Consumer acceptance of Philco is now greater than ever before. Philco is first in quality, in advertising, in complete selection, in engineering, in value, in dealer profit, and in every other way.



No. 116XA

ELECTRICALLY OPERATED

Nations overseas become your next-door neighbors with this marvelous new Philco. Here is power to span oceans and continents—power that makes you master of the radio channels of the world.

A true High-Fidelity instrument with vastly extended musical range bringing in the overtones which identify and distinguish the many and varied musical instruments.

New and exclusive acoustic clarifiers automatically prevent unpleasant, barrel-like boom.

All the clarity of tone produced by the acoustic clarifiers and all the extended musical range of Philco High-Fidelity are preserved and projected up to ear-level by the large area and slope of the famous Philco inclined sounding board.

Provides for precision control over every broadcast service on the air—Foreign as well as American Stations, all Police, Amateur, Ship, Aircraft and U. S. Government Weather Forecast Stations.

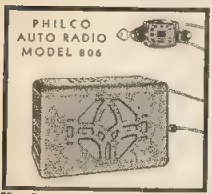
Choice, straight-grained American and Butt Walnut

Each

No. 116XA—With Philco All-Wave Aerial.....*$180.00*

Complete Line of Philco Radios in Memphis Stock

AUTOMOBILE TYPE



New Beauty—Finer Tone Home Radio Performance

An all-electric super-heterodyne that operates on either under-car or roof aerials. High-efficiency tubes, automatic volume control, improved electro-dynamic speaker and beautiful new control unit, with transversely illuminated dial and safety lock. Control fits on either steering column or instrument panel. Handsome round-cornered case of black, crystal finished steel, with universal mounting—fits any car.

Each.

No. 805—Single-unit, 5-tube *$42.95*

No. 806—Single-unit, 6-tube *49.95*

No. 809—Two unit, 6 tube; has large, separate electro-dynamic speaker *59.95*

No. 808—Two unit DeLuxe, 7-tube, has large, separate electro-dynamic speaker *75.00*

More Philco Automobile Radios are sold than any other make. After gruelling tests by leading automobile engineers, Philco has been selected as standard optional equipment on 29 leading motor cars. Several models are available all are easily installed and quicky transferred from one car to another.

BATTERY OPERATED

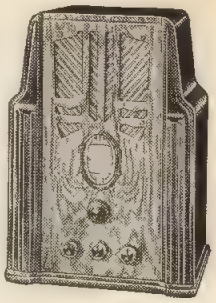
The finest battery-operated radio ever built. Designed especially for homes not wired for electricity Covers every broadcast service on the air. Enables you to tune-in fascinating programs from foreign countries all over the world

New balanced features include precision radio dial which provides for the easiest and most precise tuning in all radio, automatic aerial selector which switches in the exact electrical values needed to maintain maximum power on each wave band, tone control, which provides for variations of tone best suited to the different programs, permanent field dynamic speaker, "Plug-in" B and C power unit and a long-life A power unit.

Tunes in American Stations, Foreign Broadcasts the world over, Police Calls, Aircraft, Ship and Amateur Stations.

More stations—greater distance—exquisite tone—instant, accurate tuning. Amazing performance and the lowest cost battery-set operation in all radio

Beautiful Baby-Grand cabinet of satin-finish walnut.



No. 623BA

Each

No. 623BA—With Philco All-Wave Aerial.....*$64.95*

Complete Line of Philco Radios in Memphis Stock

AERIALS

Philco All-Wave

When your new Philco radio is equipped with the Philco all-wave aerial, the aerial selector which is an integral part of every new Philco, automatically switches-in to the exact electrical values needed to maintain maximum power and minimum noise as you turn from one wave band to another.

Each

Philco All-Wave *$5.00*

Philco Under-Car

Rugged, sturdy and built to ast Completely assembled - it is only necessary to bolt to running board and to connect lead to receiver.

Each

Philco Under-Car *$5.00*

BATTERIES

No. 172R

No. P-9068

Each

No. 172R—Capacity of 200 amp. hours at intermittent radio rates, hard rubber case, 17 heavy duty plates, lead covered wing nut terminals; 6¼x7x9¼ in. *$8.50*

No. P-9068 –Plug-in BC type, 135 volts "B", 9 volts "C"; 9⅝x8¼x11⅝ in. *$9.50*

Complete Stock of Philco Tubes and Philco Parts Carried in Memphis Stock.

For Complete Line of Electrical Supplies—See Our Blue Book

Prices on this page are factory list.

E. GOLDBERGER DOLLS

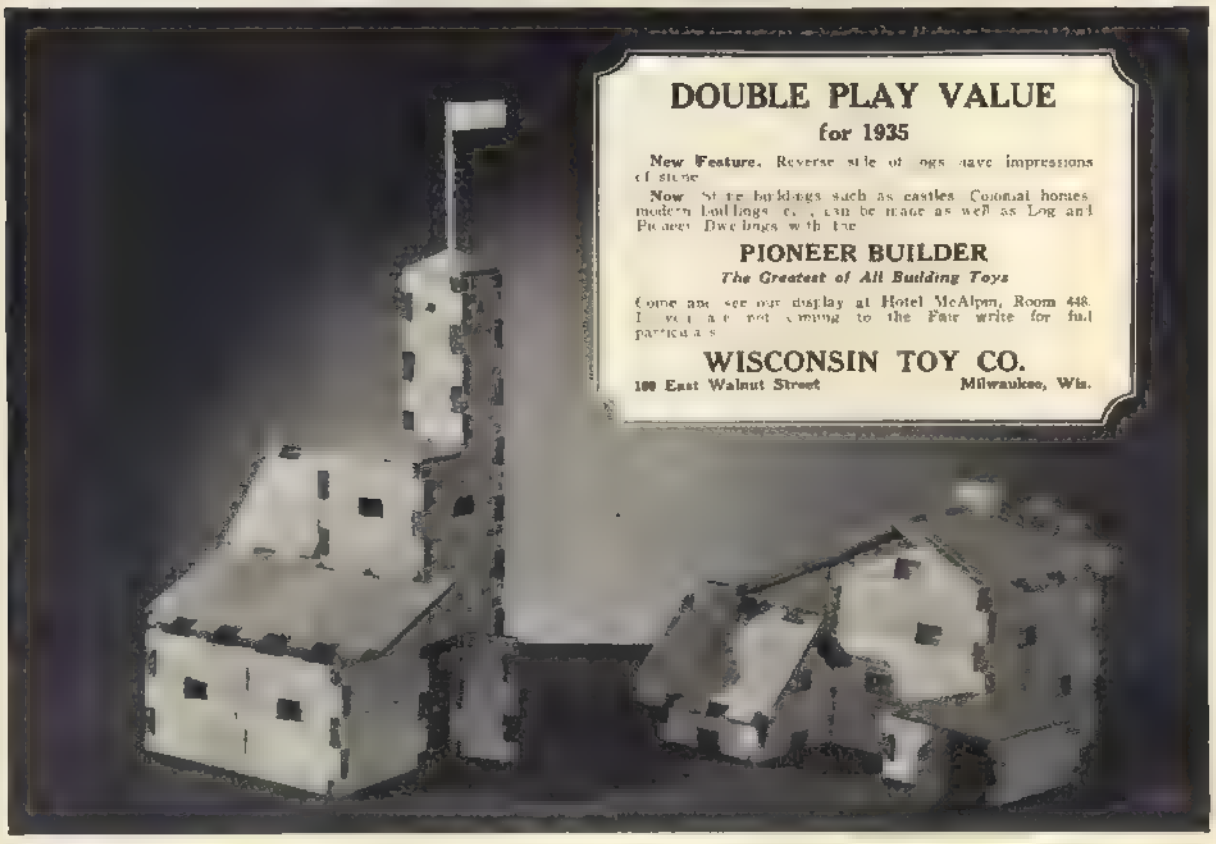
offer a little better value at
a little less than you expected to pay

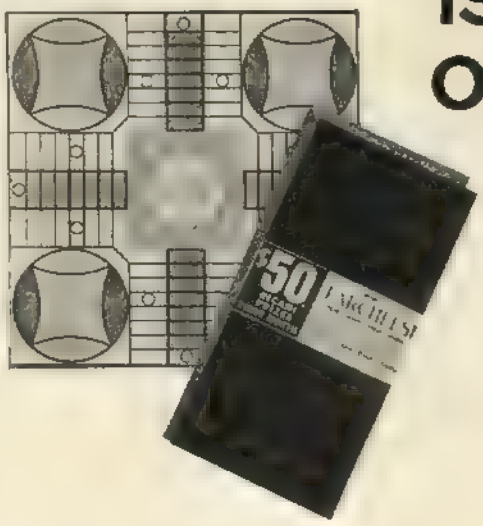
See Our Complete New Line of Quality
Dolls at Popular Prices in

ROOM 412—200 FIFTH AVENUE

E. GOLDBERGER

Factory:
307 Richardson St., Bklyn, N. Y.


DOUBLE PLAY VALUE
for 1935
New Feature. Reverse side of logs have impressions of stone
Now Store buildings such as castles Colonial homes modern buildings etc., can be made as well as Log and Pioneer Dwellings with the
PIONEER BUILDER
The Greatest of All Building Toys
Come and see our display at Hotel McAlpin, Room 448. If you are not coming to the Fair write for full particulars
WISCONSIN TOY CO.
100 East Walnut Street
Milwaukee, Wis.



IS YOUR STOCK OF PARCHEESI "BANDED"?

- Parcheesi sales are 350% ahead of last year.
- New merchandising idea behind Parcheesi is "clicking."
- Special promotion in department stores is developing sales comparable with Christmas business.
- "Toy World's" current survey of department stores report Parcheesi fastest selling game.
- Learn all about the "Banded" set—National Prize Contest — National promotion and merchandising idea at the TOY FAIR.

LET US TELL YOU ALL ABOUT IT

ROOM 338
FIFTH AVENUE BUILDING

SELCHOW AND RIGHTER CO.
200 Fifth Avenue, New York

Adequate Protection Fully Justified

If the government wants to overcome unemployment and create purchasing power it has many opportunities by protecting American manufacturers, particularly those who have created new lines against continual increasing imports of similar ware from countries where wages barely figure in the cost of production, says a writer in the "National Glass Budget."

To illustrate: the Akro Agate Company, Clarksburg, W. Va., is engaged in the production of marbles by modern process. The marble business, however is quite definitely a seasonal one and there are months during the year that there is a lessened demand for its product. To overcome this difficulty and in an effort to keep its factory operating and its employes working when the demand for marbles is small, the company, after extensive experimentations at high cost, developed what it markets as "The Little American Maid Tea Set" and "Play-Time Glass Dishes." The Little American Maid Set consists of 21 pieces. A folder distributed by the company defines it as a redesigned juvenile glass dish set manufactured by American craftsmen reflecting the latest mode in adult sets. It is universally acclaimed for its high quality and appeal. It is available in two beautiful colors, golden topaz and forest green. Each set is packed in a bright individual gift box.

The Play-Time Glass Dishes are smaller in size and there are 28 pieces to each set. It is also made in topaz or green. The Akro Agate Company also manufactures an eight-piece, a 14-piece and a 16-piece tea set in topaz and green, as well as a seven-piece water set in the same colors for the youngsters. These sets are used extensively for birthday presents, gifts, rewards for school work and may be used to good advantage by the little ladies for entertaining companions during the summer out of doors and within the house during the colder weather.

The writer quite carefully examined sets of this glassware during the week and says without fear of contradiction that the Akro firm has developed patterns and glass that rival in appearance the large sets which are used so extensively in the American homes today. The quality of glass is fine and the mold work exceptionally good.

In taking up this line of production the Akro Agate Company is not competing with other American firms, or any branch of the industry that already has a productive capacity in excess of demand. It is a new venture, and a worthy one. When a firm is willing to work as hard as the Akro Agate Company has in developing these sets in an effort to spread employment, keep its factory in operation and try to make the firm's investment a profitable one for its stockholders, it is certainly entitled to governmental co-operation.

We do not believe that this or any other American firm would want anything more than would place the foreign cost of production on an equal basis with the wages that are paid to the American glassworkers, every cent of which they are entitled to.

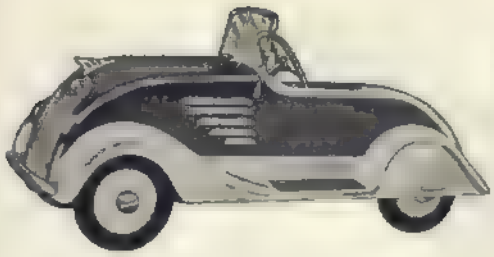
On every hand we hear talk of increasing the purchasing power of the country. Hundreds of projects are undertaken to give the unemployed some kind of work that will tide them over during the depression. In the Akro's instance it is a company that has been willing to undergo all the trials and tribulations that are encountered in developing a new product that will bring pleasure and clean, wholesome pastime to the kiddies of the nation, as well as furnishing employment to a large number of people. The government should certainly lend a willing hand in such instances as this that will develop diversified lines of industry, for which the country is sadly in need.

Pioneer Automobiles For Children

AIRFLOW

The newest sensational additions to the famous Skippy line. Now for the first time the modern Airflow design is made available in children's vehicles closely resembling the large cars for which they are named. These new Skippy automobiles are fully streamlined to achieve the ultimate in speed and ease of road resistance. Airflow motorists want to keep in style. Skippy is the only line licensed to produce both the DeSoto and the Chrysler Skippy *Airflow models.

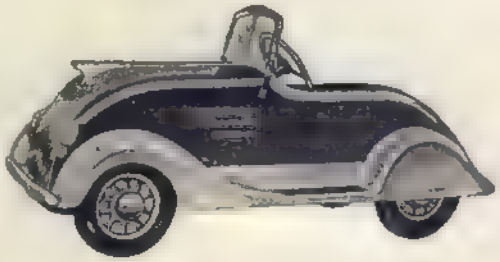
*Name copyrighted 1933 — Chrysler Corporation



SKIPPY AIRFLOW DESOTO

Length—45 inches. **Finish**—Liberty green with yellow fenders and yellow trim, striped with red. **Equipment**—As shown, including "DeSoto" type electric head lights, chromium plated bumper and wind shield. **Gear**—Full ball bearing pedal hanger brackets, with ball bearing drive rods and steering gear. Adjustable rubber pedals. **Wheels**—10 inch spoke type disc with "DeSoto" embossed hub caps, and with 1 inch rubber tires.

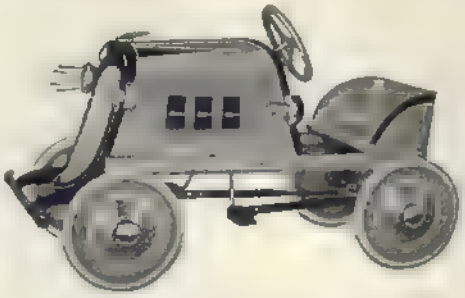
329 J01. Complete **$29.60**



SKIPPY *AIRFLOW CHRYSLER

Length—48 inches. **Finish**—Violet blue with buff fenders and buff trim, striped with red. Wheels buff with red stripe. **Equipment**—As shown, including "Chrysler" type electric headlights, chromium plated radiator front, bumper, windshield and steering wheel. **Gear**—Full ball bearing pedal hanger brackets, with ball bearing drive rods and steering gear. Adjustable rubber pedals. **Wheels**—Autospoke type with chromium plated "Chrysler" embossed hub caps.

329 J02. Complete ... **$36.50**



FORD AUTOMOBILE

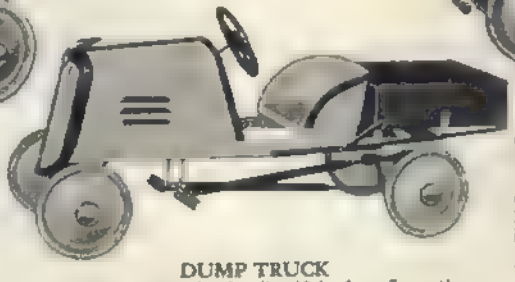
Body—Length of rails 28 inches. Length overall 36 inches. Width at pedals 12 inches. **Finish**—Body, hood and seat red striped in white, decorated in black. Wheels red striped in white. **Equipment**—As shown, including ball bearing steering knuckles, ball bearing gear, electric headlights. **Wheels**—9½x⅝-inch rubber tire disc.

329 J08. Complete **$12.40**

FIRE CHIEF

Body—Length of rails 27 inches. Length overall 33 inches. Width at pedals 9 inches. **Finish**—Body, hood and seat red, striped and decorated in cream. Wheels red, striped in cream. **Equipment**—As shown. **Wheels**—8 x ⅛ inch rubber tire disc.

329 J03. Complete **$9.44**



DUMP TRUCK

Body—Length of rails, 40 inches. Length overall, 46 inches. Width at pedals, 12 inches. **Finish**—Body, hood and seat, pea green, striped in white, decorated in black. Dump box, black enameled. Wheels, pea green, striped in white. **Equipment**—As shown, including dump bed operated by handle beside driver's seat, and ball bearing gear. **Wheels**—8x1½-inch R. T. disc.

329 J07. Complete ... **$12.24**

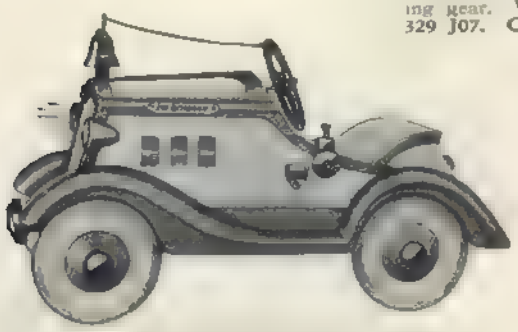
HUPMOBILE

Body—Length of rails 33 inches. Length overall 45 inches. Width at pedals 12 inches. **Finish**—Body, hood and seat red, striped in white decorated in black. Fenders black. Wheels red striped in white. **Equipment**—As shown. **Wheels**—9½x¾-inch rubber tire disc. **Weight**—55 lbs.

329 J04. Complete **$17.54**

Prices Quoted Are F. O. B. Ohio Factory

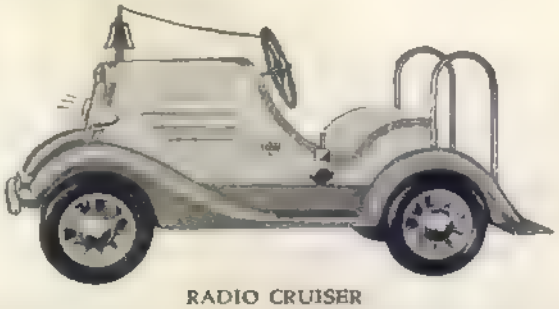
All Prices Subject to Change Without Notice



FIRE CHIEF—WITH ELECTRIC HEADLIGHTS

Body—Length of rails 32 inches. Length overall 41 inches. Width at pedals 13 inches. **Finish**—Body, hood and seat white enamel striped in green, decorated in red. Fender red. Red wheels, striped in green. **Equipment**—As shown, including electric headlights, siren, ball bearing steering knuckles, full ball bearing gear. **Wheels**—9½x¾-inch rubber tire disc type.

329 J05. Complete **$22.30**



RADIO CRUISER

Body—Length of rails 40 inches. Length overall 50 inches. Width at pedals 13 inches. **Finish**—Body, hood and seat white striped in red, decorated in green. Fenders green. Wheels green, striped in white. **Equipment**—As shown, including electric headlights, instrument board, full ball bearing gear, ball bearing steering knuckles. **Wheels**—10x1½-inch roller bearing Artillery Type Balloon.

329 J06. Complete **$24.52**

PRESENTING IDEAL DOLLS

A super quality doll for those who want the best

The New "Ideal Baby"

The Baby Doll of every girl's dreams come to life! She is the PERFECT doll, for she combines every detail of technical achievement, supreme workmanship and artistic creativeness. There is no doll quite like this NEW IDEAL BABY

- New and beautiful face; simply irresistible;
- TRU-LIFE Rubber legs and arms; lifelike to the touch and to the eye,
- Three voices, one in each leg besides the one in the body;
- Kapoc stuffed, soft and cuddly body;
- Exquisite costumes, in the finest taste, of superior materials; and above all,
- The new "IDEAL-EYES", sparkling and lustrous, with long silky lashes, that not only go to sleep, but can move from side to side in the most lifelike manner imaginable

		List, each
330 J01.	Size 15½ inches	$5.64
330 J02.	Size 18 inches	6.75
330 J03.	Size 20 inches	8.25

Here's GINGER—A Snappy New Ideal Doll

THE FAIRY PRINCESS OF DOLLS!

Ginger with Marcel Wig

Shapely Form and Limbs
Double-Action Glace Eyes

True form body and limbs!—new style jointed arms and legs!—new double-action glace eyes!—dresses that really fit!—real human hair wigs!—character face! Next year's doll this year

Look Her Over—Sure, you've seen hard body dolls before, but nothing like Ginger. Here is [illegible] shapeless but [illegible]. Here for the first time is a hard [illegible] doll with [illegible] arms and legs moulded with absolute fidelity to the human body. This feature is exclusive with Ideal.

All Direction Arms and Legs—Another outstanding feature. Ginger's arms and legs are jointed with ball and socket. This permits natural poses and enables limbs to be raised sideways as well as forwards.

Note Ginger's Dresses—Fetching frocks of the finest materials, tailored in the best of taste. They fit perfectly, because of Ginger's shapely body.

New Ideal Eyes—The new Ideal Eyes that have taken America by storm. Ginger has them! Delightful blue or brown glace eyes that flash, sleep and flirt. With real **eye-lashes!** Eyes that give Ginger a soul. Eyes that look at you with eagerness. These too are exclusive with IDEAL.

THIS IS GINGER

The doll that has captured completely the charm of the world's most beautiful being—the American Girl!

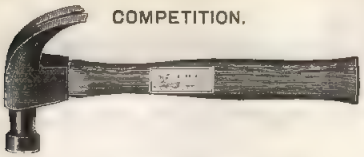
Watch My Eyes!

		List, each
330 J04.	Size 14 inches	$4.50
330 J05.	Size 18 inches	7.50
330 J06.	Size 20 inches	8.64

Ginger with Long Curls

		List, each
330 J07.	Size 16 inches	$ 7.50
330 J08.	Size 18 inches	8.64
330 J09.	Size 22 inches	12.00

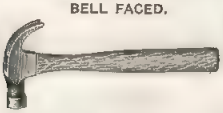
COMPETITION.



Bell face; drop forged from tool steel and tempered; finished black; hardwood handle, light walnut stained.

Per Dozen
No. 11½U—Hammers; weight each, without handle, 1 lb.. **$6.96**
Half dozen in a box.

LADIES'.
BELL FACED.



Per Dozen
No. 9416B—Hammers; cast, blackhead; hardwood handles; weight each including handle, 10 ozs. **$2.20**
Two dozen in a box.

FARRIERS'.
PLUMB.
HAND FORGED FINISH.
BOSTON PATTERN, OCTAGON POLL.

Hand forged from solid cast steel, non-rusting, black finish; mahoganized handles.

Per Dozen
No. HF172—Hammers; size, 5; weight each, without handle, 10 ozs. **$23.20**

Half dozen in a box.

PLAIN EYE, RIVETING.
HAND FORGED FINISH.

Forged from special analysis steel, non-rusting, black finish; mahoganized handles, thoroughly seasoned and polished.

Hammers	HF251	HF252	HF253	HF254
Size	1	2	3	4
Weight without handle	7 oz.	9 oz.	12 oz.	15 oz.
Per dozen	$17.10	17.80	18.60	19.20

Half dozen in a box.

ENGINEERS' AND BLACKSMITHS'.
HAND FORGED FINISH.

Hand forged from solid cast steel, highly tempered, non-rusting, black finish; mahoganized handles.

Hammers	HF281	HF282	HF283	HF-284
Size	1	2	3	4
Weight without handle	2 lbs.	2 lbs 10 oz.	3 lbs.	3½ lbs.
Per dozen	$25.20	27.00	28.80	30.50

One-third dozen in a box.

MACHINISTS' BALL PEIN.
HAND FORGED FINISH.
OCTAGON PATTERN.
Polished Pein and Face.

Forged from special analysis steel, black finish, polished pein and face; selected mahoganized handles, thoroughly seasoned and polished.

Hammers	HF369	HF370	HF371	HF372	HF373
Size	5/0	4/0	3/0	2/0	0
Weight without handle	4 oz	6 oz.	8 oz.	12 oz.	1 lb
Per Dozen	$14.64	14.64	14.64	14.64	15.12

Hammers	HF374	HF375	HF376	HF377	HF379
Size	1	2	3	4	6
Wgt without handle	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.	2 lbs.	2 lb 8 oz.
Per Dozen	$16.32	17.52	18.72	20.16	22.80

One-third dozen in a box.

AUTO PEIN, HAND FORGED FINISHED, OCTAGON PATTERN.
Polished Pein and Face.

11 inch mahoganized Auto grip handle.

Hammers	HF385
Size	2/0
Weight without handle	12 oz.
Per Dozen	$18.60

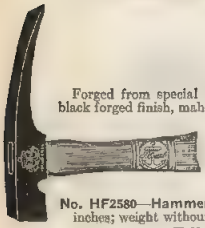
One-third dozen in a box.

BRICK.

PLUMB.

PLAIN EYE, CHICAGO PATTERN.

HAND FORGED FINISH.



Forged from special analysis cast steel; non-rusting black forged finish, mahoganized handles.

Per Dozen

No. HF2580—Hammers; size, No. 1; length, 11 inches; weight without handle, 1 lb. 8 ozs. **$21.40**

Half dozen in a box.

BRICK SETS.

Per Dozen

No. 4BS—Brick Sets; solid forged steel; width of blade, 4 inches; weight each, 1 lb. **$13.00**

TACK.

Per Dozen

No. 2T—Tack Hammers; magnetic head, steel claw and hickory handle; length 11 ins.; weight per dozen, 4 lbs. ..**$2.48**

One dozen in a box.

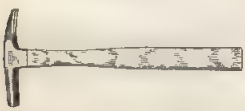
HORSESHOE MAGNETIC.

Per Dozen

No. 6T—Tack Hammers; extra quality tool steel, magnetized on one end, tack claw on other end, 12-in. selected hickory handle; length 12 ins.; weight per dozen, 6 lbs. ..**$8.50**

Half dozen in a box.

MAGNETIC.



Per Dozen

No. 163—Tack Hammers; drop forged steel, magnetic head, steel tack claw, polished finish; 11¼-inch hickory handle, held in head by Stanley wedge, weight without handle, 5 ozs.; weight per dozen, 7½ lbs. **$20.40**

One-third dozen in a box.

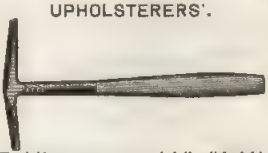
TACK.

Per Dozen

No. 25T—Tack Hammers; polished iron head and claw, hickory handle; length 11 ins.; weight per dozen, 3¾ lbs. ..**$3.50**

One dozen in a box.

UPHOLSTERERS'.



Per Dozen

No. 265U—Tack Hammers; cast steel, full polished, hickory handle; length 11½ ins.; weight per dozen, 6½ pounds. ..**$12.80**

Half dozen in a box.

SPALLING.

SINGLE FACE.

Forged from high grade steel, tempered to withstand hard usage, oil finish, polished ends.

No. 710—Spalling Hammers

Weight, lbs.	6	8	10
Each	$1.40	1.90	2.40

DOUBLE FACE.

Forged from high grade steel, tempered to withstand hard usage, oil finish, polished ends

No. 720—Spalling Hammers

Weight, lbs.	8	10	12
Each	$1.90	2.40	2.90

STRIKING.

OREGON PATTERN.

Forged from high grade steel, tempered to withstand hard usage, oil finish, polished ends.

No. 760—Striking Hammers

Weight, lbs.	7	8	10
Each	$1.40	1.50	1.80

NEVADA PATTERN.

Forged from high grade steel, tempered to withstand hard usage, oil finish, polished ends.

No. 750—Striking Hammers

Weight, lbs.	3	3½	4	4½
Each	$0.90	1.00	1.05	1.15

Weight, lbs.	5	6	7	8	10	12	16
Each	$1.20	1.30	1.40	1.50	1.80	2.10	2.80

MASON.

Forged from high grade steel, tempered to withstand hard usage, axe finish, polished ends.

No. 670—Mason Hammers

Weight, lbs.	3	4
Each	$1.20	1.30

One in a box.

PLUMB.

FORGED FINISH.
OCTAGON POLL.

Forged from special analysis steel, non-rusting, black finish; true face, ground sharp and ready for use; mahoganized hickory handles.

Hatchets	HF2981
Size	1
Bit, inches	2⅛
Rows of points	9
Weight	14 ozs.
Per dozen	$23.20

FORGED FINISH.
LATH BOX, SQUARE POLL.

Special analysis steel, non-rusting, black finish, mahoganized hickory handles.

Hatchets	HF3010
Bit, inches	2⅛
Rows of points	12x14
Weight, ozs.	12
Per dozen	$36.40

The above weights do not include handles.

All above, half dozen in a box.

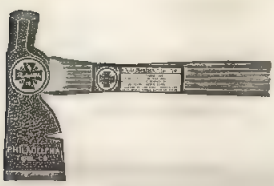
FULL POLISHED.
UNDERHILL PATTERN.

Special analysis steel, polished finish; hickory handles.

Hatchets	1961	1962
Rows of points	9	10
Weight, ozs	15	15
Per dozen	$36.40	36.40

LATHING.

PHILADELPHIA.
OCTAGON POLL, NON-RUSTING
BLACK FINISH.



Second quality. High grade steel, non-rusting finish; hickory handles.

Hatchets	1PTL	2PTL
Cut, inches	2¼	2½
Weight	14 ozs.	16 ozs.
Per dozen	$17.60	18.80

The above weights do not include handles.

All above, half dozen in a box.

SHINGLING.
PLUMB.

PRODUCE.
FORGED FINISH.

Nail Slot on Each Side of Blade.

Special analysis steel, non-rusting, black finish; mahoganized hickory handles.

Hatchets	HF3005
Bit, ins	2⅛
Weight, ozs	12
Per dozen	$23.00

Half dozen in a box.

BARREL.
FORGED FINISH.

Improved Pattern, Patent Nail Slot.

Special analysis steel, non-rusting, black finish; mahoganized hickory handles.

Hatchets	HF636
Size	1
Bit, ins	2⅝
Weight, ozs	14
Per dozen	$23.70

Half dozen in a box.

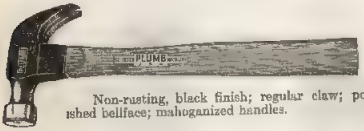
HAMMERS.

PLUMB.

Plumb hammers are made from special analysis steel, the result of years of study and hundreds of experiments. They are die forged to exact, unvarying proportions and shapes and have proper balance and striking power.

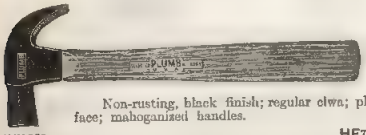
The weight in a chunk at the striking face gives more power and greater accuracy to the stroke. The extra curve claws, short split and nipper-like edges grip and hold any size nail, and start the pull quickly. Handles are of air dried, second growth hickory, expertly shaped for hand comfort and physically tested for strength. Plumb take-up wedges keep the handles tight.

NAIL, ADZE EYE.



Non-rusting, black finish; regular claw; polished bellface; mahoganized handles.

Hammers	HF80	HF81	HF82	HF83
Size	1	1½	2	3
Length, ins.	14	13	13	12¾
Weight without handle	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
In box, dozen	½	½	½	⅙
Per dozen	$19.44	16.32	15.60	14.88



Non-rusting, black finish; regular claw; plain face; mahoganized handles.

Hammers	HF72
Size	1½
Length, inches	13
Weight without handle	1 lb
Per dozen	$16.32

All above half dozen in a box.

Non-rusting, black finish; straight claw, polished bell face; mahoganized handles.

Hammers	HF86
Size	1½
Weight without handle	1 lb.
Per dozen	$16.32

AU-TO-GRAF.

Octagon Pattern, Polished.

Swelled end handle for non-slip grip. Claws designed with the famous Plumb bend with short split which adds to the leverage of the handle and gives power to the pull; curve of the claws with the top of the eye the high point, will pull a nail clear out of the wood without the head marring the wood work. Per Dozen

No. 11½AN —Hammers; size, 11½; weight each without handle, 17 ounces. $21.60

½ dozen in a box.

PHILADELPHIA TOOL CO.

Philadelphia Tool Co. hammers are made by plumb, but have not quite so good a finish as the first quality. Regular claw; bell face; hickory handles.

Forged finish; regular claw; bell face; hickory handles.

Hammers	145	146	147
Size	11¼	12	13
Length, inches	13	13	13
Weight without handle	1 lb.	13 oz.	7 oz.
Per dozen	$12.48	11.76	11.04

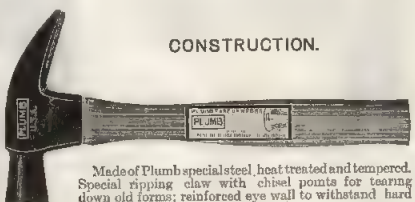
Half dozen in a box.

Black forged finish; straight claw; bell face; hickory handles.

Hammers	155
Size	11½
Length, inches	13
Weight without handle	1 lb.
Per dozen	$13.20

Half dozen in a box

CONSTRUCTION.



Made of Plumb special steel, heat treated and tempered. Special ripping claw with chisel points for tearing down old forms; reinforced eye wall to withstand hard usage at this point.

This hammer is made for heavy construction work; has comfortable mahogany finished handle, securely fastened with Plumb tightening feature. Per Dozen

No. HF69—Hammers; size, 0; length over all, 14 inches; weight each with handle, 2 lbs. $24.96

Half dozen in a box.

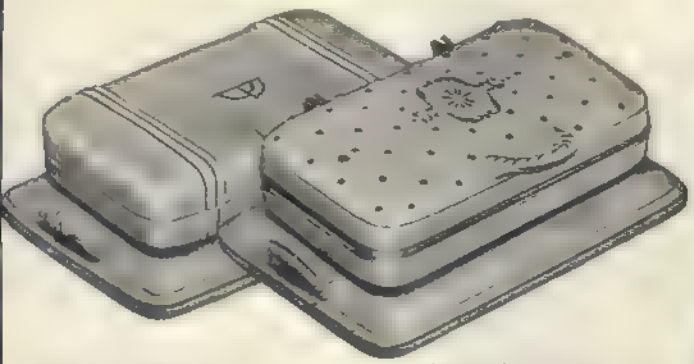
Porcelier Matched Electrical Appliances Made of Heat-Proof Cooking China . . . . .

Moderne **Percolator Set**
No. 3007

Moderne **Urn Set**
No. 3009

beautiful companion to the finished tableware. A bright gleaming surface hat is made of Ivory tint vitrified china, decorated with platinum inlaid lines. Chromium faucet with black handles. Latest type cold water electric heating nit. Brews the finest coffee and eliminates all metallic tastes. These sets re sanitary, easy to keep clean and will keep their original finish a lifetime.

lo. 3007 Seven cup Moderne Percolator, Sugar and Creamer. Each, $10.28
lo. 3009 Nine cup Moderne Urn, Sugar and Creamer. Each..... 13.00



Moderne **Sandwich Toaster**
No. 3004

Colonial Sandwich Toaster
No. 2004

Toasts two slices of bread on both sides at one time. Also, two large, two or hree deck sandwiches. Grills bacon, chops, steaks, etc. Cast aluminum grids ave over-flow groove and drain into a receptacle from both grids. Grids 0x5½ inches. Moderne decorated in Ivory with Platinum inlaid stripes. Colonial decorated in Ivory with inlaid Gold decoration.

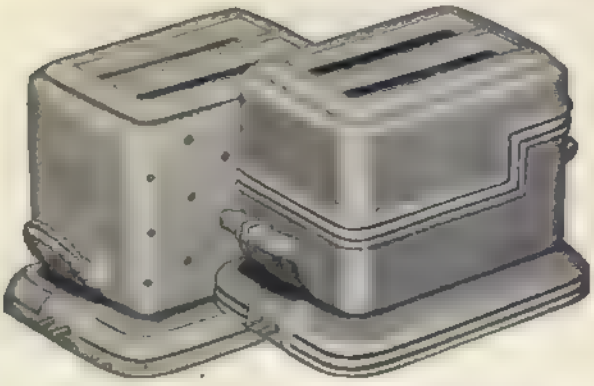
No. 3004 Moderne Sandwich Toaster and Grill. Each.. ....$12.35
No. 2004 Colonial Sandwich Toaster and Grill. Each. 12.35

Moderne **Casserole**
No. 3010

Colonial Casserole
No. 2010

Made of heat-proof cooking china for oven baking. Has an added utility eature as the cover serves as a pie baker when used separately. Guaranteed ot to crack, craze or discolor from heat. The Moderne decorated in Ivory ith Platinum inlaid stripes. The Colonial in Ivory with Gold inlaid decoratins.

No. 3010 Moderne-Casserole Combination. Each.....$2.60
No. 2010 Colonial Casserole Combination. Each 2.60

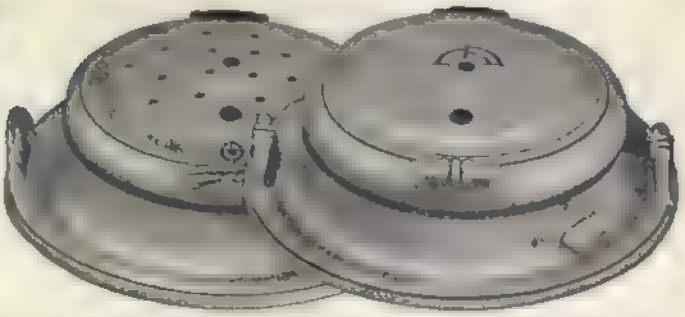


Colonial Automatic Toaster
No. 2002

Moderne **Automatic Toaster**
No. 3002

Toasts both sides of two slices of bread at the same time. Has heat regulator and is automatic. Simply place bread in slots, press lever to start clock. When lever reaches indicating arrow, bread is toasted. Lift lever and up comes the toast. Can be adjusted to light, medium and dark. The Colonial model is finished in Ivory with inlaid Gold decoration. The Moderne in Ivory with inlaid Platinum trim.

No. 2002 Colonial two slice Automatic Toaster. Each. $13.65
No. 3002 Modern two slice Automatic Toaster. Each.. . ..... 13.65



Colonial Automatic Waffle Iron
No. 461

Moderne **Automatic Waffle Iron**
No. 451

These beautiful waffle irons are equipped with 8" die cast aluminum grids with overflow groove. Grids are satin finished to prevent sticking of waffles. No danger of iron overheating or burning out, even though you may leave the current on for an indefinite period. The automatic lever placed conveniently in front removes the guess work and assures the making of perfect waffles. The Colonial waffle iron is finished in Ivory with inlaid Gold decoration. The Moderne in Ivory with Platinum inlaid stripes.

No. 461 Colonial Automatic Waffle Iron. Each $11.20
No. 451 Moderne Automatic Waffle Iron. Each.. ... . 11.20

Colonial Urn Set
No. 2009

Colonial Percolator Set
No. 2007

A beautiful companion to the finest tableware. A bright gleaming surface that is made of Ivory tint vitrified china decorated with Ivory and Gold inlaid decoration. Chromium faucet with black handles. Latest type cold water electric heating unit. Brews the finest coffee and eliminates all metallic tastes. These sets are sanitary, easy to keep clean and will keep their original finish a lifetime.

No. 2009 Colonial Urn, Sugar and Creamer. Each..... $15.60
No. 2007 Colonial Percolator, Sugar and Creamer. Each . . . 11.70

Popular Priced Electrical Appliances

Majestic Toaster. Chromium plated with black enamel trim. Toasts evenly and quickly. Reversible to toast the bread on both sides. Bread is reversed without the necessity of touching with fingers. Three feet prevent scratching. Complete with underwriters approved cord.
240 E01. Each **$4.40**

Automatic modern type waffle iron chromium plated. Automatically regulates when to turn on the batter and when waffle is baked to your liking. Set indicator to light, medium or dark and waffle cooks the rest. Black bakelite handles. Serves two people. Complete with table writers cord.
240 E02. Each **$8.68**

Weatproof heating pad. Equipped with special insert covering that protects against dampness. Size 9x14 covered with heavy fluffy cotton flannel. Three heats, e.g. low, medium, and high by switch that allows operating at any one heat. Furnished with extra cloth covering to be used on pad when in use.
240 E03. Each **$5.54**

"Modern Mode" flat iron chromium plated. Long graceful lines. Large easy grip handle. This base is several times larger than the sole plate, as much larger than any ordinary surface. Element is the armored type with nickel chromium wire wound over ceramic insulator. Weight 6 pounds. Complete with table writers approved cord.
240 E04. Each **$4.25**

The most popular electric appliance of the day. This sandwich toaster is heavily chromium plated, has two ebony finished handles and top lift handle to match. This toaster may be used to prepare two or three cook sandwiches. It toasts the bread both sides at same time, grills bacon without turning. When top is reversed you have two hot plates for cooking. Complete with six foot silk cord. 550 watts, 110-120 volts.
240 E05. Each **$5.54**
240 E06. Lots of 3, each **5.40**

Electric Corn popper. Generous size, popping two quarts in 5 minutes. Insulated, allowing popper to be picked up when hot. Agitator knob matches handles. Perforated top so you can see corn when popping.
240 E07. Each **$2.40**
240 E08. Lots of 3, each **2.30**

NESCO ELECTRIC ROASTER AND COOKER
Six quart capacity. Cooking Well 11" in long by 8½" in wide by 6" in deep. Top to Cover. Cooks complete meal for a large family, bakes cakes, pies and bread with even success.

HEATING UNITS

Heat on sides and bottom of element embedded in asbestos paper with cement coating. Wire operates at 115 a heat.

Finish. Porcelain enameled cooking well, heating well and cover. Sides and base Japanned, handles of Bakelite and rubber feet.

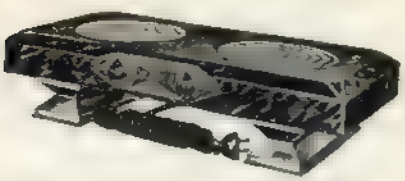
Wattage. Total high heat 635 watt, low heat 275 watt at 115 volts.
240 E09. Roaster only, 110-120 volt. Each **$15.20**

Cooking Set, consists of two enameled pots, one fit, one quart capacity and center pan 2½ qt. capacity.
240 E10. Per Set **$26.00**

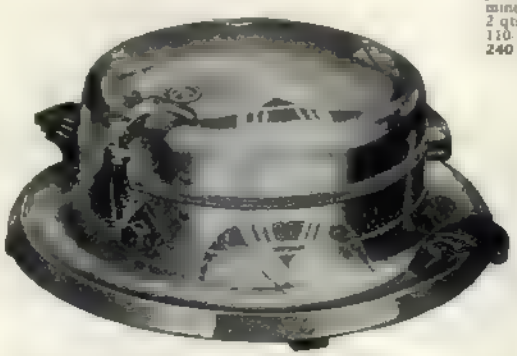
5-pc. Baking Set, bread pan, pie pan, cake pan, angel food cake pan and muffin pan.
240 E11. Per Set **$0.90**

Modern Mode" Heater. Chromium plated. 1000 watts. Made more in keeping with decorated border and 13" chromium plated reflector. Outside reflector and base have a beautiful Green Shrive finish.
240 E12. Each **$7.80**

NESCO ELECTRIC CASSEROLE COOKS DISHES FOR FAMILY OF EIGHT
Cooking well and cover are of seamless steel, porcelain enameled and as easy to clean as a china plate. Body, base and handles are of baked-on enamel in a pleasing combination of ivory and green. Heating units are wound on side walls which are heavy asbestos lined sheets with pure nickel wire. Cover fits into depression to seal tight preventing the escape of steam, natural juices, and mineral salts which are retained in food. Cap. 2 qts. 325 watts on "high" and 100 watts on "low". 110-120 volts.
240 E13. Each **$8.00**



Three heat table stove. Exclusive in design, superior to construction. The soft green marbleized stainless steel porcelain enamel is easy to keep clean. Rated 1200 watts. Heats 4½ inches width 10 inches, length 20 inches. Shipping weight 12 lbs.
240 E14. Each **$10.30**



Automatic waffle iron etched design. Chromium plated. Has 7 inch cast aluminum grids. Bakelite knob on front center regulates the heat for baking and reads "Light", "Medium", "Dark".
240 E15. Each **$11.00**

Three heat single burner table stove. 1000 watts maximum heat, 550 medium heat, 250 watts low heat. Attractive japan stainless enamel finished in marble tized green. Height 5½ inches, width 9 inches, length 9 inches.
240 E16. Each **$7.74**

Each

No. K5-AG—Altitude Gauges; iron case, brass ring, complete with cock $3.20

One in a box.

GILBERT HUMIDIFIERS.

WITH PEDESTAL.

A patented electric motor driven device that replaces moisture in over-dry air without the aid of heat, steam or evaporation. Introduces the proper amount of moisture into the air and fortifies against many winter illnesses; helps to keep the skin healthful and soft. Room temperature of 68° will feel warmer if the air is sufficiently moist than an over-dry air room at 75°. The cost of operating is approximately that of an ordinary electric light bulb. Ideal for home, apartment, office, factory, hospital, sick room, nursery or any indoor enclosure in which air will contain less humidity than 40°.

An inverted cone submerged in water and revolving rapidly draws the water up on to a disc above it which also revolving rapidly and synchronizing with the cone, throws the water outward by centrifugal force against shutter-like vanes by which it is broken up into tiny particles or grains that are propelled by the revolving disc and rising as a fog it is absorbed by the atmosphere.

Finished in lizard brown.

Each

No. K-A181—Humidifiers; complete with pedestal; induction motor, operates on A. C. 110 volts, 60 cycles only; capacity, 1 gallon of water; puts out 1 pint per hour; height, 10 inches; width, 13 inches; weight packed, 15 lbs $18.90

TABLE MODEL.

Each

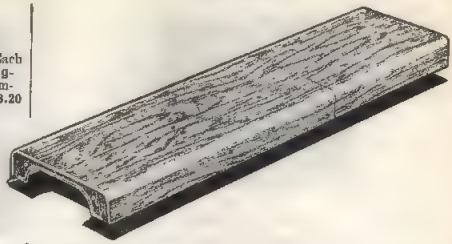
No. K-A180—Humidifiers; induction type motor, operates on A. C. 110 volts, 60 cycles only; capacity, 2 quarts of water; puts out 1 pint per hour; height, 8½ inches; width, 10 inches; weight packed, 6 lbs..... $9.95

PEDESTAL ONLY.

Each

No. K-181 Humidifier Pedestals; can be used with K-A180 humidifiers..... $3.95

NESCO.



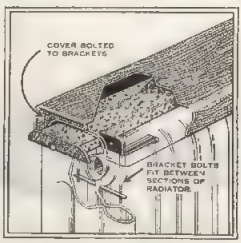
Keeps walls, ceiling and curtains free from dust. Made in the modern streamlined style, in lithographed walnut or ivory finishes. These new radiator covers are neat in appearance.

Made from heavy gauge material, they offer rigidity and firmness even when extended to their full length, precluding the possibility of warping or buckling. Rounded corners, no sharp edges to snag clothing. Will fit radiators up to and including 9½ inches in width and 54 inches in length, these new radiator covers combined with the new feature bracket and humidifying pan offer the maximum in service and utility. Bracket and humidifying pan are not included with radiator covers and must be ordered individually.

Radiator Covers.	Each	Width, Ins.	Length, Ins.	Extended, Ins.	Weight, Lbs.
K5-927	$1.40	9¾	14¼	27	3
K5-944	1.80	9¾	22¾	44	5
K5-954	2.20	9¾	28	54	6

One-twelfth dozen in a carton.

COVER BRACKET AND HUMIDIFYING PAN.



The humidifying pan is supported by the brackets, and slides through the end and extends the full length of the cover. Completely out of sight. The end of the humidifying pan is finished to match perfectly with the finish of the streamlined radiator covers.

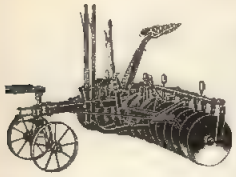
Humidifying pan has a generous capacity and can be filled easily and quickly without taking the cover off the radiator. Simply slide the pan out from underneath the cover and fill.

Each

No. K5-95—Radiator Cover Bracket and Humidifying Sets; capacity of water pan, 1 quart; set consists of one only humidifying pan and 3 only brackets; packed one in a carton weight, 4 lbs $1.40

DISC HARROWS

RACINE



Three Lever

This Harrow has curved draft bars and adjustable hold-down stirrups, at the inner ends of both gangs. Creates a deep, level well-pulverized seed bed.

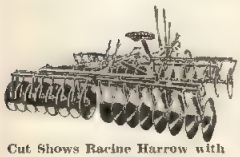
Bearings are chilled and the loose, free rolling bumpers relieve end pressure and reduce draft. Truck wheels 22 inches apart for smooth running over ridges.

Nos.	46	56	66	76
No. of discs	8	10	12	14
Diam. disc, in.	16	16	16	16
Width of cut, ft.	4	5	6	7
Hitch (horse equipment)	2	2	3	4
Shipping wt. each, lbs.	376	396	466	504
Each	$184.70	144.45	152.45	178.00
With Pole (Less Truck)				
Nos.	46P	56P	66P	76P
Each	$116.70	126.45	188.45	160.00

Open stock.

DISC HARROW TRAILERS

RACINE



Cut Shows Racine Harrow with Tandem

A rear set of gangs, with attachment parts for any size harrow is available.

The front gangs throw the soil out, and the rear gangs throw it back. This cutting and re-cutting has a far more beneficial effect than going twice over with a single disc.

Solid discs, hard oilers, scrapers in rear section, and weight boxes.

Nos.	3–8	3–10	3–12	3–14
No. of discs	8	10	12	14
Dia. disc, in.	16	16	16	16
Width of cut, ft.	4	5	6	7
Ship. weight each, lbs.	355	383	418	497
Each	$106.25	116.00	127.25	136.50

Open stock.

DISC HARROWS

T. & S.

Single Lever

Built of the best grade of material, all discs electrically heat treated and all parts carefully inspected before they leave the factory

Can be equipped with round or cutout discs.

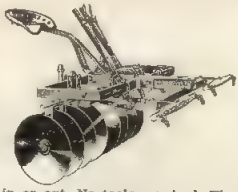
Note—When ordering state which are wanted. Standard equipment includes 2-horse hitch and breast yoke (when ordered with pole).

Each

No. 8-16T—With Fore Truck; 8 discs, 16 in diameter discs; 4½ ft. width of cut; weight each about 420 lbs. $114.00

DISC HARROWS

MASSEY-HARRIS REVERSIBLE



A disc of many uses, strongly built, chilled ring bearings for long life.

One-piece frame thoroughly braced.

Convenient and easy to operate; the levers are always within reach of the driver, regardless of how close or far apart you may set the discs.

The discs are easily and quickly reversed to throw in or out. No tools required. The angle of each gang can be set independent of each other

The brace rod, running from each gang to the front frame rail, gives an adjustment which keeps the gang perfectly in line at all times. Gangs can be tilted either high or low at the inner ends. This is of special advantage in cultivating corn. Can be extended to 9 feet.

With Pole and Doubletree		
Nos.	616	816
No. of discs, in.	6	8
Dia. discs, in.	16	16
Width of cut, ft.	3	4
Shipping wt. each, lbs.	323	365
Each	$92.60	105.00
With Foretruck		
Nos.	616F	816F
Each	$116.00	123.00

Open stock.

DOUBLE DISC TRACTOR HARROWS

MASSEY-HARRIS

Prepares a deep, level, well pulverized seed bed with less effort and in less time. Strength and durability are assured by the liberal use of oversize parts and strong bracing. Gangs can be adjusted from the tractor seat by a single hand screw.

Heat treated discs are ground and polished. Strong, rigid frame, adjustable hitch, crank screw control from tractor, direct draft to rear gangs, adjustable scrapers, pivotal connection for rear harrow, flexible construction at rear, center depth adjustment, quickly convertible into single harrow, steel U-section scraper bars, oversize bolts with lock washers, lathe turned spools in standards, split hardwood bearings, oversize chilled iron center bumpers and wide-flanged spacing spools

Each

No. 30—24 discs, 16 in. diameter discs; 6 ft. width of cut, shipping weight each 770 lbs. $247.50

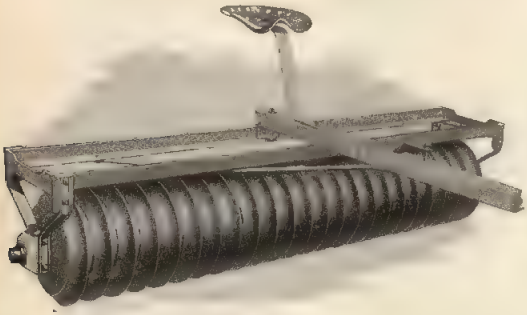
Open stock.

Concentrate your purchases.

We are prepared to take care of all your requirements in hardware.
If you do not find listed in this catalog any special items you may need, write us.
We will be glad to get them for you.

SOIL PULVERIZERS

MASSEY-HARRIS



Cut Shows Double Gang

Single Gang

A combination clod crusher, roller, pulverizer and packer. The wheels are so shaped that their faces form alternating series of sharp ridges and cup-shaped depressions.

The ridges cut down into the soil, splitting all lumps with which they come in contact and pack out the open spaces, at the same time, because of the cup-shaped depressions, the surface is left in little ridges of loose mellow earth which form a mulch blanket and retard soil blowing.

All there is to the machine is an angle steel frame, two end standards, the wheels, an axle, a seat and a pole, nothing which will easily wear out or break, and nothing which needs fine adjusting.

Can be hitched high or low, long or short, it will always perform the work for which it is intended. Unlike the discs of a harrow, the wheels have no side draft. They simply roll straight ahead and so easily because of the hardwood bearings which are used that an 8 ft. machine usually requires no more power than would be supplied by two horses.

Note—Machine can also be equipped with a combined fore carriage and tractor hitch, a stub pole and tractor hitch, or with just a fore carriage.

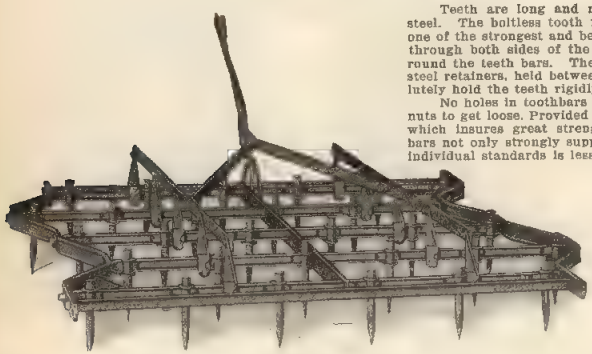
With Long Pole

	MH101	MH102	MH103
Nos.			
Width over all	8 ft. 0 in.	8 ft. 11 in.	11 ft. 5 in.
No. of wheels	25	28	36
Width of roller	6 ft. 9 in.	7 ft. 8 in.	10 ft. 0 in.
Shipping weight each, lbs.	845	941	1190
Each	$142.50	165.00	175.00

Open stock.

HEAVY SPIKE TOOTH HARROWS

H S SERIES



Teeth are long and made of special hard and long wearing steel. The boltless tooth fastening device is a special feature and one of the strongest and best arrangements of its kind. Teeth pass through both sides of the heavy steel clamps, which entirely surround the teeth bars. These clamps are locked in place by special steel retainers, held between the channels of the teeth-bars. Absolutely hold the teeth rigidly in place.

No holes in toothbars to weaken them; no bolts to break. No nuts to get loose. Provided with steel lever and forged steel ratchet, which insures great strength at this point. The double shifting bars not only strongly support the toothbars, but the strain on the individual standards is lessened.

	14HS	14HS
Nos.		
No. of teeth	50	60
No. of sections	2	2
Width, ft.	7½	9
Weight each, lbs.	270	303
Each	$85.50	92.50

Open stock.

WATCHES FOR DOCTORS, NURSES and PROFESSIONAL USE

New Racine Waterproof Watch

This remarkable watch is guaranteed water-tight because of a patented new process of case construction. It is stainless, rustless, solderless. The case is fashioned of famed Firth Staybrite Steel from Sheffield. Its 10½ ligne Gallet movement is dependably accurate.

No. 812 — 7 Jewels $37.40

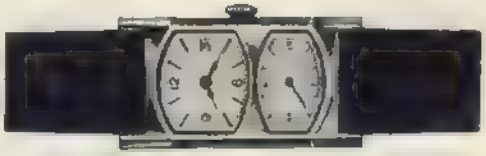
No. 812A—15 Jewels 42.40

RACINE SPONSORS THESE SPECIALLY-DESIGNED WATCHES

Jules Racine & Company, world-famed experts in chronographs and fine timers, present these new and unusual wrist watches. They have been specifically created for those who require timepieces of extraordinary working properties to help them in their daily activities. The duo-dial watches are the first of their kind offered in America. The waterproof watches also mark a new advance in timepiece craftsmanship.

●

Prices Subject to Change Without Notice



Men's Duo-Dial Strap Watch

One of the most popular models of this new group of duo-dial watches which accents the importance of the second hand. Imported chrome finish case. Excellent 8/12 ligne Gallet movement.

No. 804 — 7 Jewels $38.50

No. 804A—15 Jewels 36.40

New Waterproof Doctor's Watch

Busy doctors will find this stainless steel watch particularly desirable. Another model made by the new patented process of case construction that renders it waterproof and rustproof Sheffield Steel case. Accurate 10½ ligne Gallet movement. Dial features sweep-second hand.

No. 711 — 7 Jewels $46.10

No. 711A—15 Jewels 49.70

Men's Duo-Dial Strap Watch

Another smartly-styled model with the specially designed duo-dial face. 10 Kt. rolled gold plate case, in white or yellow. Accurate 8/12 ligne Gallet movement.

No. 481 — 7 Jewels $30.80

No. 481A—15 Jewels 36.40

Nurses' Strap Watch

A tried and tested favorite with nurses everywhere. Featuring sweep-second hand and large legible face. Smart leather strap. In 10 Kt. rolled gold plate, white only. 10½ ligne fine Gallet movement.

No. 512 — 7 Jewels, plain polished $32.25

No. 512A—15 Jewels, plain polished 37.80

Nurses' Strap Watch

A distinguished watch for nurses efficient on duty, attractive off duty. Imported Chrome finish case. Fine leather strap. Excellent 9¾ ligne Gallet movement.

No. 799—7 Jewels $30.80

Men's Duo-Dial Strap Watch

This model is as handsome as it is thoroughly practical. Distinctive duo-dial face. Dependable 7/11 ligne Gallet movement. Obtainable in white or yellow. 10 Kt. rolled gold plate case.

No. 484 — 7 Jewels $31.75

No. 484A—15 Jewels 37.25

Ladies' Duo-Dial Bracelet Watch

Strikingly attractive yet altogether practical because of its noticeable face. 10 kt. rolled gold plate case in white or yellow. 4¾ ligne Gallet movement.

No. 111—7 Jewels $33.20 No. 111A—15 Jewels $38.60

Also obtainable in a good-looking steel case:

No. 112—7 Jewels $30.10 No. 112A—15 Jewels $35.70

Nurses' Ribbon Watch

Preferred for its beauty as well as its dependability. In 10 Kt. rolled gold plate. 10½ ligne Gallet movement.

No. 511 — 7 Jewels, Engraved—or Plain Polished $31.50

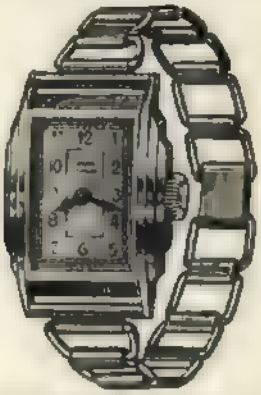
No. 511A—15 Jewels, Engraved—or Plain Polished $37.10

(*Engraved, white only*) (*Plain, white or yellow*)

Wrist and Pocket Watches by New Haven

Wrist Watches With Unbreakable Crystals, Diamond Cut Escape Wheels, Hardened and Polished Pinions, Main Spring Arbors and Balance Staffs.

ELF WRIST—Silk Cord (Jeweled)
An inexpensive sport wrist watch for ladies, with a genuine Wadsworth case in chromium finish; a dependable New Haven JEWELED movement, silvered dial and etched gold numerals. Available with silk cord or link bracelet.
55 B01. Each **$8.98**



JEROME WRIST WATCH (Jeweled)
A beautifully designed Wadsworth case in chromium finish, thin and small, with a dependable JEWELED movement. Available with either plain silvered dial with etched gold numerals and black hands, or black and silvered dial with radium numerals and hands. Choice of link bracelet or leather strap.
55 B02. Each **$7.50**

SERVICE WRIST WATCH
Case in chromium plate, designed and built by Wadsworth, etched gold numerals, silvered dial, unbreakable crystal, and a sturdy dependable movement of proven merit. A popularly priced, thin model wrist watch that hugs the wrist. Available with pigskin strap or link bracelet with detachable lugs.
55 B03. Each **$5.90**

GEM WRIST WATCH
An engraved, chromium plated case, curved to fit the wrist, two-toned silvered dial with raised inner panel, removable metal strap. Also available with leather bracelet.
55 B04. Each **$5.00**

HANDBAG WATCH
An attractive combination ladies' handbag watch and dresser timepiece, with black enameled, thin Wadsworth case and unbreakable crystal. The supporting leg folds into the case and becomes invisible. Size 2¼x2¾ inches.
55 B05. Each **$4.20**

PAD WRIST WATCH
A modern streamline case in chromium plate, curved to fit the wrist, with a two-toned silvered dial and raised inner panel. Available with double stitched, removable leather strap or link bracelet.
55 B06. Each **$4.80**

Prices Are Subject to Regular Discount

Pocket Watches with Unbreakable Crystals

Streamline NEW HAVEN POCKET
(Silvered Dial)
The latest in pocket watches—a streamline case with fixed top ring, attractive two-tone silvered dial, black numerals, unbreakable crystal, and sunk second dial.
55 B07. Each **$2.30**

New! TIP TOP POCKET
An attractive design with nickeled, dust proof case, engraved back and bezel, modern low pendant, two-toned silvered dial, sunk second dial and clean-cut attractive numerals.
55 B08. Each **$2.20**

JEROME POCKET (Jeweled)
An exceptionally thin beautifully engraved case, 12 size, in chromium plate, with silvered dial, etched gold numerals and flush second hand.
55 B09. Each **$5.00**

RAINBOW MOLDED PRODUCTS.

Richelain ware is odorless, tasteless, stainless and as sanitary as a china dish. While very strong and durable, it is not guaranteed against breakage.

CEREAL SETS.

These sets will delight the heart of any child and will make the meal more pleasant and interesting. A 5½-inch plate with cup to match; each in an attractive box; weight per dozen, 6 lbs.

	Per Dozen
No. C-216B—Cereal Sets; blue	**$10.50**
No. C-216G—Cereal Sets; green	**10.50**
No. C-216P—Cereal Sets; pink	**10.50**

Retail $0.75 set.

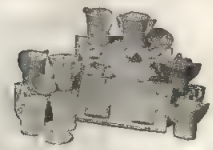
SALT AND PEPPER.

Two colors, green and ivory. Each set in an attractive box, one dozen sets in a package; weight per dozen, 3⅝ lbs.

	Per Dozen
No. C-115G—Salt and Pepper Sets; green	**$7.20**
No. C-115I—Salt and Pepper Sets; ivory	**7.20**

Retail $0.50 set.

SUGAR AND CREAM SETS.

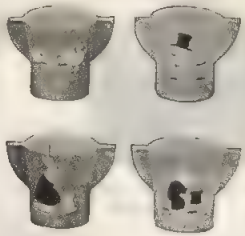


Child's sugar and cream sets; each set in an attractive box. Two colors, ivory and green; weight per dozen, 6½ lbs.

	Per Dozen
No. C-206G—Sugar and Cream Sets; green	**$8.50**
No. C-206I—Sugar and Cream Sets; ivory	**8.50**

Retail $0.75 set.

CHILD'S CUPS.



Assorted colored cups, pink, yellow, orange, blue, ivory and green. Six assorted cups in a package; weight per dozen, 2 lbs.

	Per Dozen
No. C-209A—Child's Cups	**$6.00**

Retail $0.40 each.

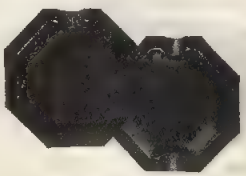
TOT'S TURTLES.

A dish divided in two compartments, permitting the serving of both liquid and solid food without mixing. A well is provided to hold the tumbler and prevent spilling. Made to represent a turtle. Each in an attractive box; weight per dozen, 21 lbs.

	Per Dozen
No. C-205B—Tot's Turtles; blue	**$21.60**
No. C-205G—Tot's Turtles; green	**21.60**
No. C-205P—Tot's Turtles; pink	**21.60**

Retail $1 50 set.

ASH RECEIVERS.



Will not burn; six assorted colors in a package; weight per dozen, 1⅛ lbs.

	Per Dozen
No. C-305A—Ash Receivers	**$1.68**

Retail $0.10 each.

EARTHEN WARE.

BROWN AND WHITE.

Pottery ware, smooth, light brown finish outside, glazed white finish inside. Sanitary and easy to keep clean.

CASSEROLES.

Round; covered; fits standard metal receivers.

Casseroles	D-162	D-163
Diameter, ins.	7	8
Depth, ins.	3½	3¾
Capacity, pints	2	3
Weight dozen, lbs.	28	32
Per dozen	$8.40	12.00

BEAN POTS.

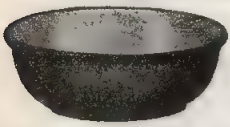
Covered

Bean Pots	D-188	D-189
Diameter, ins.	6	6¼
Depth, ins.	4¼	5½
Capacity, pints	2	3½
Weight dozen, lbs	30	36
Per dozen	$7.20	9.60

STEINS.

Steins	D-48
Diameter, ins.	2¾
Depth, ins.	4½
Capacity, ozs.	12
Weight dozen, lbs.	12
Per dozen	$3.36

NAPPIES.



Nappies	D-72	D-73
Diameter, ins.	6	7
Depth, ins.	2⅜	2½
Capacity, pints	1½	2
Weight dozen, lbs	12½	17
Per dozen	$2.40	$3.60

Nappies	D-74	D-75
Diameter, ins.	7¾	8¾
Depth, ins.	2⅝	2¾
Capacity, pints	2½	4
Weight dozen, lbs.	21	27
Per dozen	$5.30	6.80

CUSTARD OR BEAN CUPS.

Custard Cups	D-5
Diameter, ins.	3
Depth, ins.	2½
Capacity, ozs.	5½
Weight dozen, lbs.	5
Per dozen	$1.20

Six in a package.

COOKIE JARS.

Ivory colored earthen ware jar and cover, hand decorated; one-gallon size,

Per Dozen

No. D8-300—Cookie Jars; diameter at bottom, 7 inches; diameter at top, 5⅝ inches; diameter opening, 4¼ inches; height, 9¾ inches; weight packed, 7 lbs. $10.32

Ivory colored earthen ware jar and cover, hand decorated in fast colors.

Per Dozen

No. D8-600—Cookie Jars; height, 7¾ inches; opening, 4⅛ inches; weight each, 5½ lbs. $10.80

One in a carton.

IVORY GLAZE.

A very attractive jar, hand decorated, ivory glaze, baked on. In assorted designs, fast colors.

Per Dozen

No. D8-500—Cookie Jars; ivory finish; diameter bottom, 8 inches; top, 6 inches; opening, 5⅛ inches; height, 9½ inches; weight each, 7 lbs. $12.72

One in a carton.

EDDIE COLLINS MODEL.

Designed for this noted player and used by most of the big leaguers. Made of special Reaco oil treated horse hide with a pearl glove leather lining. This glove has a large, long palm and medium length fingers. A hand formed padding fitted into each glove. Laced at wrist to allow change of padding. Leather welted and diverted seams. Rolled leather binding. Special adjustable thumb lacing.

Each
No. S-ECA—Fielders' Gloves..... $11.90

ROGER M. CRAMER MODEL.

Made of Reaco oil treated brown horse hide, a fine grade of soft, but tough wearing leather is used for the lining. Trap thumb lacing between thumb and first finger. Well padded in heel and thumb, lightly in palm to form a deep ball holding pocket. Leather welted seams and rolled leather binding. Leather laced wrist.

Each
No. S-O1—Fielders' Gloves..... $10.50
No. S-O1R—Fielders' Gloves; for right hand..... 10.50

A full size league model glove similar to one used by Joe Cronin. Made of good quality brown grain oil treated horsehide; full leather lined. Leather binding and welting, laced thumb and laced third and little fingers. "V" type back with adjustable strap and buckle. Leather laced wrist. Hand formed felt padding with deep natural pocket.

Each
No. S-OOW—Fielders' Gloves..... $9.10

REACH.

This is a full size professional model glove with the new divided thumb which permits either a loose or snug gripping of the thumb

Made of oiled brown horsehide; full leather lining; leather welted seams; full size professional model glove; hand formed padding; laced wrist; laced between thumb and first finger.

Each
No. S-0BL—Fielders' Gloves..... $7.00

A full sized professional model glove made of oil treated horsehide and full leather lined. Leather laced between thumb and forefinger. Welted seams. Full leather laced wrist. Well padded to form deep natural pocket. "V" type back with strap and buckle.

Each
No. S-5L—Fielders' Gloves..... $6.30
No. S-5LR—Fielders' Gloves; for right hand..... 6.30

WILLIS HUDLIN MODEL.

Made of oil dressed horse hide leather with full leather lining. All seams are leather welted; laced wrist and thumb. A duplicate of the regulation professional model; a real outstanding value at the price.

Each
No. S-10G—Fielders' Gloves..... $4.90

Made of oil treated horse hide; full leather lining; leather welted seams; laced thumb; full size.

Each
No. S-56—Fielders' Gloves..... $2.80

BELVE BEAN MODEL.

A full size glove, made of oil treated horse hide; felt padding in palm with leather palm lining; leather welted seams; leather laced wrist allows change of padding; web thumb. An excellent value at the price.

Each
No. S-144—Fielders' Gloves..... $2.00

WILLIAMS MODEL.
Youth's Size.

Made of willow glove leather with leather welted seams. Built up special heel extending into thumb and finger, forming deep pocket. Rawhide lacing at wrist; leather lined palm and fingers and leather web between thumb and finger. Packed in individual box.

Each
No. S-28—Fielders' Gloves..... $1.70

HUTCH MODEL.
Youth's Size.

Made of willow glove leather; felt padding with extra heel pad extending into thumb and little finger, forming a deep pocket. Leather lined palm; web between thumb and first finger. Packed in individual box.

Each
No. S-24—Fielders' Glove..... $1.04

SOFT BALL.

Special model with outside raised heel ridge extending from top of thumb to top of little finger, forming deep pocket. Selected oil treated horse hide, full leather lined, leather bound, leather welted seams. Laced wrist; laced between thumb and fore-finger.

Each
No. S-S7—Fielders' Gloves..... $4.60

CATCHERS' MASKS.

REACH.

The frame is made of one solid piece of light weight metal, a special composition guaranteed to withstand any shock or blow of ordinary use. Lighter than the best wire frame masks. Extra large eye space. Fitted with the Reach special full length face padding and adjustable head straps.

Each

No. S-JP—Catchers' Masks; weight each, 2 lbs.....$17.50

PROFESSIONAL MODEL.

Finest tempered steel wire; triple wire construction at eye opening; embodies the spitter and open vision features. Side extended to protect the ears Pads areadjustable by means of strap and buckle fastening

Each

No. S-6W—Catchers' Masks; weight each, 2 lbs.....$12.80

ASSOCIATION.

Made of heavy steel wire, gun metal enameled to prevent reflection of light; strongly put together, well finished, warranted first class and reliable in every particular Hair filled leather and canvas side and head pads and special elastic head band This mask is also fitted with a special green transparent sun shade.

Each

No. S-30S—Catchers' Masks; weight each, 2 lbs.....$7.50

LEAGUE.

Strong steel wire; open vision model; diamond shaped opening in front of mouth Leather pads and adjustable elastic head straps. Gives good protection; perfect fit.

Each

No. S-40S—Catchers' Masks; weight each, ¾ lb.....$4.90

BOY'S SPECIAL.

Made of gun metal finished steel wire; leather covered face pads; adjustable elastic head strap.

Each

No. S-CM—Catchers' Masks; weight each, ½ lb.....$3.50

SOFT BALL.

Strong steel wire; open vision style; spot welted frame; heavy leather covered padding; elastic head straps with strap adjustments.

Each

No. S-SBM—Catchers' Masks.....$7.00

BODY PROTECTORS.

The padded or Sullivan model body protectors have proven superior to the old style inflated rubber protectors. They afford thorough protection, are light in weight and conform to the movements of the player.

CATCHERS. Each

No. S-P—Body Protectors; khaki canvas; laced edge.....$12.60

No. S-5—Body Protectors; khaki canvas; leather bound edge..... 8.00

No. S-4—Body Protectors; same as No. S-5, but lighter material..... 5.60

UMPIRES. Each

No. S-SU—Body Protectors; as No. S-P, but made on extra wide model, designed for umpires.....$13.30

LEG GUARDS.

Catcher's leg guards; fibre shin pieces; moulded felt lined knee caps; fibre extentions over instep with felt padding; adjustable straps.

Per Pair

No. S-HG—Leg Guards; professional style.....$9.50

BASEBALL UNIFORMS

PROMPT SHIPMENT FROM FACTORY

MADE TO ORDER UNIFORMS

We can supply whatever is wanted in this line at the lowest price consistent with quality.

WRITE FOR SPECIAL CATALOG

FIRE EXTINGUISHERS

RED STAR

Approved by the National Board of Fire Underwriters.

Soda-and-Acid Type

Made of Best Grade Copper, Coated with Pure Lead; Sealed with a Lead Stopper, Making it the Simplest and Easiest to Operate.

Tested to 350 lbs. Hydrostatic Pressure Before Leaving Factory.

Fully Charged Ready to Use.

Complete with Hook and Screws to Hang on Wall.

Diameter, 7 inches.
Capacity, 2½ gallons.

Each

No. A—Shipping Weight, 21 lbs. (5) **$20 00** 15 00
One in a Case

EXTRA CHARGES Each

No. AC—Acid-and-Soda Recharges for Acme Fire Extinguishers; Weight Each, 3 lbs., (48)..... **$0 55** .40
One in a Package

ALASKAN

Labeled by the Underwriters' Laboratories

Non-Freezing

2½ Gallon; Pump Type

Pump is All Brass Non-Corrosive Type, Will Discharge an Accurate, Powerful, Continuous Stream Approximately 45 feet, Which Can Be Stopped and Put Into Action at Will, Preventing Waste of Liquid, Excessive Water Damage, etc. While in Use, the Supply of Water May be Quickly Renewed, Eliminating Delay in Recharging.

Each

No. AP2½—Including One Non Freezing Charge; Weight Each, 25 lbs. Without Water, (6)..... **$30.65** 23.00
One in a Carton

PROTECTOR

5 Gallon Pump Type

Underwriters' Laboratories Classification A-1 Label.

Made of Heavily Galvanized Steel, with Rust-proof Paint on Outside.

Does not Require Annual Recharging.

Will not Freeze at 40° F. below Zero.

Each

No. P5 — Shipping Weight Complete, 35 lbs. (6)..... **$29.35** 22.00
One in a Carton

FIRE EXTINGUISHERS

FLOAFOME

Labeled by the Underwriters' Laboratories

2½ Gallon; Foam Type

Floafome, Foam Type, Fire Extinguishers Are Designed Especially to Combat Fires of Oil, Gasoline, Grease, Paint, Varnish, Tar and Highly Volatile Substances.

The Discharge is About Eight Times in Volume in Foam, or About Twenty Gallons of a Tenacious Foam Blanket from 2½ Gallons of Solution.

Specifications

Constructed of Cold Rolled Copper, Highly Polished.

Tested to 350 lbs. per Square inch.
Size—2½ gallons.
Diameter—7¼ inches.

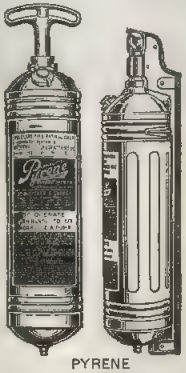
Each

No. FM2½—Shipping Weight, 22 lbs., (5)..... **$24.00** 18 00
One in a Carton

EXTRA CHARGES

Each

No. FMC—Floafome Recharge; Weight Each, 6½ lbs. (24)..... **$1.75** 1.30
One in a Carton



PYRENE

Compact, Light, Non-freezing; the Liquid Does Not Deteriorate. This Extinguisher is the Only Type that can be Safely Used on Electrical Fires Without Danger to the Operator or Damage to Electrical Equipment.

Pyrene Installed on an Automobile Reduces Fire Insurance Premium 15 Per Cent. It Also Reduces Insurance Rate When Installed in Electric Cars, Power Houses, Sub-Stations and Car Barns.

Made of Brass; Complete with Steel Bracket; Shipped Completely Filled with Liquid; Ready for Use.

1 Quart and 1½ Quart Size are Approved by the National Board of Fire Underwriters, but 1 Pint Size is Not Approved.

Each

No. C21—1 Quart Size; Weight Each, 6 lbs. (36)..... **$18 65** 14.00

No. C31—1½ Quart Size; Weight Each, 10 lbs. (12)..... **22 65** 17.00
One in a Carton; Twelve in a Case

FIRE EXTINGUISHERS

ECLIPSE

Carbon-Tetrachloride

1 quart and 1½ quart Sizes.

Underwriters' Classification B-2 and C-2 Label.

Liquid is Non-Conductor of Electricity and will not Freeze at 50° F. below Zero.

Each

No. E1—One Quart Size; Weight Each, 6 lbs. (36)..... **$18.65** 14.00

No. E1½—1½ Quart Size; Weight Each, 10 lbs (12)..... **22.65** 17.00
One in a Carton

CARBON-TETRACHLORIDE REFILLS

Each

No. 1. CT - One Quart Cans; Weight Each, 4 lbs. (60)..... **$2.00** 1.50
Twenty Cans in a Case

No. 4. CT—One Gallon Cans; Weight Each, 16 lbs. (12)..... **7.20** 5 04
Six Cans in a Case

DIETZ VOLUNTEER

Simple, Easily Operated, Single Action Pump; Develops High Compression That Projects a Stream of Fluid 20 Feet; Smothers Any Kind of Fire at its Inception—Gasoline, Oil, Even Electrical Fires; Will Not Stain or Injure Fabrics; Nor Harm Hands or Face; All Working Parts Made of Brass, with Pump Handle Properly Screwed Down, it Will Not Leak; Fluid Will Not Corrode Casing or Outlet, Will Not Freeze; Extinguisher Always Works.

Each

No. DVE One-Pint Size; Complete with Bracket and Fluid; Weight Each, 3¼ lbs. **$3.50**
One in a Carton Six in a Case

DIETZ VOLUNTEER REFILLS

Each

No. DV1—One-Pint Cans; Weight per Can, 2 lbs..... **$1.20**
Twelve Cans in a Case

FIRE EXTINGUISHER LIQUIDS

PYRENE

This Liquid is Especially Compounded for Fire Extinguisher Use, and Labeled by the Underwriters Laboratories. Only Pyrene Liquid Should be Used in the Pyrene Extinguisher; Other Liquids are Liable to Corrode the Mechanism and Ruin the Extinguisher. Pyrene Liquid is Non-Corrosive, a Non-Conductor of Electricity and Will Not Freeze at 50 Degrees Below Zero.

Each

No. CR2—1-Quart Cans; Weight, 4 lbs. (60)..... **$2.00** 1.50

No. CR4—4-Quart Cans; Weight, 16 lbs. (12) **7.20** 5.40
One Quart Cans, Twenty in a Case
Gallon Cans Six in a Case

REISMAN CO.

912-920 Broadway (S.E. Corner of 21st St.) New York City

Creators and Manufacturers of Popular Priced Dolls, also NOVELTIES - DOLLAR SPECIALS

See Us at the Toy Fair
McALPIN HOTEL—ROOM 863

See the New

GREYHOUND LINE OF CHILDREN'S VEHICLES

at the NEW YORK TOY FAIR

Rooms 841-843 Hotel McAlpin

HAMILTON STEEL PRODUCTS CO.

Factory and General Offices: 1825 W. 74th Street, Chicago

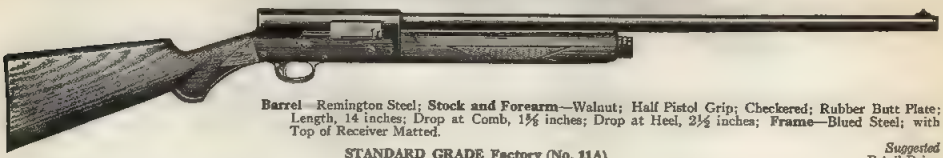
STREAMLINE WAGONS

VELOCIPEDES

SCOOTERS

Remington Auto-Loading Shot Guns

Take-Down, Solid Breech, Hammerless, 5 Shots, Side Ejector, Absolutely Safe and Sure in Action, Chambered for Any Length Shell Up to 2¾ inches



Barrel—Remington Steel; **Stock and Forearm**—Walnut; Half Pistol Grip; Checkered; Rubber Butt Plate; Length, 14 inches; Drop at Comb, 1⅝ inches; Drop at Heel, 2½ inches; **Frame**—Blued Steel; with Top of Receiver Matted.

STANDARD GRADE Factory (No. 11A)

	Each	Suggested Retail Price, Each
12 GAUGE		
No. **R1112F**—Full Choke Bored; 28, 30 and 32 inch Barrels; Weight Each, About 7¾ lbs.	$80 00	53.40
No. **R1112M**—Modified Choke Bored; 28 and 30 inch Barrels; Weight Each, 7¾ lbs.	80 00	53 40
No. **R1112C**—Improved Cylinder Bored; 26 and 28 inch Barrels; Weight Each, 7¾ lbs.	80.00	53.40
16 GAUGE		
No. **R1116F**—Full Choke Bored; 28 and 30 inch Barrels; Weight Each, 7¾ lbs.	$80 00	53 40
No. **R1116M**—Modified Choke Bored; 26 and 28 inch Barrels; Weight Each, 7¾ lbs.	80 00	53.40
No. **R1116C**—Improved Cylinder Bored; 26 and 28 inch Barrels; Weight Each, 7¾ lbs.	80 00	53.40
20 GAUGE		
No. **R1120F**—Full Choke Bored; 26 and 28 inch Barrels; Weight Each, 7¼ lbs.	$80 00	53.40
No. **R1120M**—Modified Choke Bored; 26 and 28 inch Barrels; Weight Each, 7¼ lbs.	80 00	53.40
No. **R1120C**—Improved Cylinder Bored; 26 and 28 inch Barrels; Weight Each, 7¼ lbs.	80 00	53.40

STANDARD GRADE, WITH RAISED MATTED RIB (Factory No. 11A)

	Each	Suggested Retail Price, Each
12 GAUGE		
No. **R1112FM**—Full Choke Bored; 28, 30 and 32 inch Barrels; Weight Each, 8 lbs.	$92 00	61.40
No. **R1112MM**—Modified Choke Bored; 28 and 30 inch Barrels; Weight Each, 8 lbs.	92 00	61.40
No. **R1112CM**—Improved Cylinder Bored; 26 and 28 inch Barrels; Weight Each, 8 lbs	92 00	61.40
16 GAUGE		
No. **R1116FM**—Full Choke Bored; 28 and 30 inch Barrels; Weight Each, About 8 lbs.	$92 00	61.40
No. **R1116MM**—Modified Choke Bored; 26 and 28 Barrels; Weight Each, About 8 lbs.	92 00	61 40
No. **R1116CM**—Improved Cylinder Bored; 26 and 28 inch Barrels; Weight Each, 8 lbs.	92 00	61 40
20 GAUGE		
No. **R1120FM**—Full Choke Bored; 26 and 28 inch Barrels; Weight Each, About 7½ lbs.	$92 00	61 40
No. **R1120MM**—Modified Choke Bored; 26 and 28 inch Barrels; Weight Each, 7½ lbs.	92 00	61 40
No. **R1120CM**—Improved Cylinder Bored; 26 and 28 inch Barrels; Weight Each, About 7½ lbs.	92 00	61 40

WITH EXTRA BARREL (Factory No. 11A)

	Each	Suggested Retail Price, Each
12 GAUGE		
No. **R1112EX**—Regular Barrel, 28 inch Full Choke Bored; Extra Barrel, 28 inch Cylinder Bored; Weight Complete, 10¼ lbs.	$109 70	73.20
No. **R1112EX-2C**—Regular Barrel, 28 inch, Full Choke Bored; Extra Barrel, 26 inch Improved Cylinder Bored; Weight Complete, 10⅛ lbs.	109.70	73.20
No. **R1112EXM** Regular Barrel, 28 inch Modified Choke Bored, Extra Barrel, 28 inch Improved Cylinder Bored; Weight Complete, 10⅛ lbs.	109.70	73 20
16 GAUGE		
No. **R1116EXM**—Regular Barrel, 28 inch Full Choke Bored; Extra Barrel, Modified Choke Bored; Weight Complete, 10 lbs.	$109 70	73 20
No. **R1116EXC**—Regular Barrels, 26 and 28 inch Modified Choke Bored; Extra Barrel, 26 inch Improved Cylinder Bored; Weight Complete, 10 lbs.	109.70	73.20
20 GAUGE		
No. **R1120EXM**—Regular Barrels, 26 and 28 inch Full Choke Bored; Extra Barrel, 26 inch Modified Choke Bored; Weight Complete, About 9½ lbs.	$109 70	73.20
No. **R1120EXC**—Regular Barrels, 26 and 28 inch Full Choke Bored; Extra Barrel, 26 inch Improved Cylinder Bored; Weight Complete, About 9½ lbs.	109.70	73.20

One in a Box; Ten in a Case; Weight per Case, About 125 lbs.

EXTRA BARRELS
For Remington Auto-Loading Shot Guns
STANDARD GRADE 11A

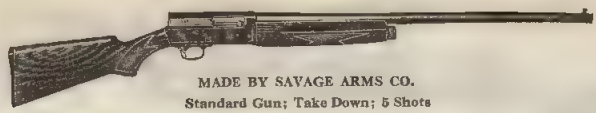
Note—The Barrels and Stocks of These Guns are **Not Interchangeable:** In Order to Furnish a Gun with an Extra Interchangeable Barrel, It Will be Necessary to Have Both the Stock and the Action, so that Barrel can be Fitted to Action; Don't Sell a Gun for Delivery from St. Louis, Then Send in a Separate Order for Extra Barrel to be Shipped Direct. **Be Sure and Specify Gauge, Length of Barrel and Type of Boring When Ordering.**

PLAIN 12, 16 or 20 Gauge	Each	Suggested Retail Price, Each
26, 28, 30 or 32 inch Full Choke, Modified Choke or Cylinder Bored	$39.70	19.80

WITH MATTED RIB 12, 16 or 20 Gauge	Each	Suggested Retail Price, Each
26, 28, 30 or 32 inch Full Choke, Modified Choke or Cylinder Bored	$41.70	27.80

Note—When Extra Barrels are Fitted to Guns in Our Gun Shop, a Net Extra Labor Charge Must be Added, Estimated Cost, $1 50. This Charge is Not Added where New Guns with Extra Barrels are Purchased.

Savage Auto-Loading Shot Guns



MADE BY SAVAGE ARMS CO.

Standard Gun; Take Down; 5 Shots

High Pressure Compressed Steel Barrel; Selected American Walnut Full Pistol Grip Checkered Stock; Length of Stock, 14 inches; Drop at Heel, 2⅝ inches; Drop at Comb, 1¾ inches; Selected American Walnut Checkered Forearm; High Lustre Blued Finished Receiver which is Channeled and Matted in Line of Sight; Push Button Safety in Rear of Trigger Guard; Friction Ring Adjustment for Either Light or Heavy Load; Shell Capacity. Magazine, 4; Chamber, 1.

12 Gauge

MODEL 720 -PLAIN BARREL

Nos.	Gauge	Bore	Length of Barrel, ins.	Weight Each, lbs.	Suggested Retail Price, Each	Each
SA12	12	Full Choke Bored	28, 30, 32	8¼	$69.80	46.50
SA12M	12	Modified Choke	28, 30	8¼	69.80	46.50
SA12C	12	Cylinder Bored	28, 30	8¼	69.80	46.50

MODEL 721—RAISED MATTED RIB

No.	Gauge	Bore	Length of Barrel, ins.	Weight Each, lbs.	Suggested Retail Price. Each	Each
SA12R	12	Full Choke Bored	30	8¼	$84.00	56.00

One in a Box; Five in a Case; Weight per Case, About 60 lbs.

16 Gauge

MODEL 720—PLAIN BARREL

Nos.	Gauge	Bore	Length of Barrel, ins.	Weight Each, lbs.	Suggested Retail Price, Each	Each
SA16	16	Full Choke	28, 30	7½	$69.80	46.50
SA16M	16	Modified	28	7½	69.80	46.50
SA16C	16	Cylinder	28	7½	69.80	46.50

One in a Box; Five in a Case; Weight per Case, About 60 lbs.

SHAPLEIGH'S POINTERS

DEALERS SEEKING PROFIT—

Should remember that Sportsmen

Are always more interested in

QUALITY THAN PRICE

SHAPLEIGH'S NORLEIGH DIAMOND Hunting Clothing

FITS WELL, WEARS WELL AND ALWAYS SATISFIES

See Pages 1381 to 1383

REVOLVERS

HARRINGTON & RICHARDSON

PREMIER HAMMER

Double Action; Automatic Ejection

22 Caliber; 7 Shots; Small Frame; Shoots BB Caps; 22 Long Rifle, 22 SRF or 22 LRF Cartridges.

	Nickel Plated	Suggested Retail Price Each	Each
No. 223PH—3 inch Barrel; Rubber Handle; Weight Each, 13 ozs.		**$17 50**	10.75

One in a Box

	Blued	Suggested Retail Price Each	Each
No. 2223PH—3 inch Barrel; Rubber Handle; Weight Each, 13 ozs.		**$17.50**	10.75
No. 2225PH—5 inch Barrel; Rubber Handle; for Target Practice; Weight Each, 15 ozs.		**18.50**	11.50
No. 2226PH—6 inch Barrel; Rubber Handle; for Target Practice; Weight Each, 16 ozs.		**19 00**	11.75

One in a Box

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32 Caliber; 5 Shots; Small Frame; Rubber Handle; Shoots 32 S&W Center Fire Cartridges.

	Nickel Plated	Suggested Retail Price Each	Each
No. 323PH—3 inch Barrel; Weight Each, 12 ozs.		**$17.50**	10.75

One in a Box

	Blued	Suggested Retail Price Each	Each
No. 2323PH—3 inch Barrel; Weight Each, 12 ozs.		**$17 50**	10.75

One in a Box

PREMIER HAMMER

Double Action; Automatic Ejection With Target Grip

38 Caliber; 5 Shots; Regular Frame; Checkered Walnut Handle; Shoots 38 S&W Center Fire Cartridges.

	Nickel Plated	Suggested Retail Price Each	Each
No. 384HTG—4 inch Barrel; Weight Each, 19 ozs		**$19 50**	12.25

One in a Box

REVOLVERS

HARRINGTON & RICHARDSON

HAMMER

Double Action; Automatic Ejection

32 Caliber; 6 Shots; Shoots 32 S&W Center Fire Cartridges.

	Nickel Plated	Suggested Retail Price Each	Each
No. 3231¼H—3½ inch Barrel; Rubber Handle; Weight Each 18 ozs.		**$17 50**	10.75

	Blued	Suggested Retail Price Each	Each
No. 2323¼H—3½ inch Barrel; Rubber Handle; Weight Each, 18 ozs.		**$17.50**	10.75
No. 2324H—4 inch Barrel; Rubber Handle; Weight Each, 19 ozs.		**18.00**	11.25

One in a Box

Nickel Plated

38 Caliber; 5 Shots; Shoots 38 S&W Center Fire Cartridges.

	Suggested Retail Price Each	Each
No. 383¼H—3½ inch Barrel; Rubber Handle; Weight Each, 17 ozs.	**$17 50**	10.75

	Blued	Suggested Retail Price Each	Each
No. 2383¼H—3½ inch Barrel; Rubber Handle; Weight Each, 17 ozs.		**$17.50**	10.75
No. 2384H—4 inch Barrel; Rubber Handle; Weight Each, 18 ozs.		**18.00**	11.25

One in a Box

VICTOR

VEST POCKET

32 Caliber

Double Action; 1½ inch Round Barrel; **Nickel Plated;** Rubber Handle; 5 Shots; Shoots 32 S&W CF Cartridges.

	Suggested Retail Price Each	Each
No. V321½VP—Weight Each, 8½ ozs.	**$12 00**	8 00

One in a Box

REVOLVERS

VICTOR

Blued

32 Caliber; 2½ inch Barrel; 6 Shots; Shoots 32 S&W CF Cartridges; Rubber Handle

	Suggested Retail Price Each	Each
No. V2322½—Weight Each, 9 ozs	**$11.00**	7.00

One in a Box

Blued

38 Caliber; 2½ inch Barrel; 5 Shots; Shoots 38 S&W CF Cartridges; Rubber Handle.

	Suggested Retail Price Each	Each
No. V2382½—Weight Each, 1 lb.	**$11 00**	7.00

One in a Box

Nickel Plated

32 Caliber

Double Action; Round Barrel; 6 Shots; Shoots 32 S&W CF Cartridges; Rubber Handle.

Nos.	Length Barrels, ins.	Weight Each, ozs.	Suggested Retail Price Each	Each
V322½	2½	16	**$11.00**	7.00
V324½	4½	17	**11.50**	7.50

One in a Box

Nickel Plated

38 Caliber

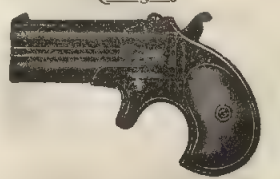
Double Action; 2½-inch Round Barrel; 5 Shots; Shoots 38 S&W CF Cartridges; Rubber Handle.

	Suggested Retail Price Each	Each
No. V382½—Length of Barrel, 2½ inches; Rubber Handle; Weight Each, 15 ozs.	**$11.00**	7.00

One in a Box

DERRINGERS

Remington



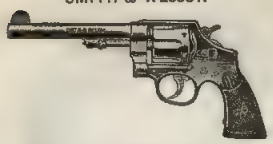
DOUBLE—DERRINGER

Two Shots; 3 inch Barrel; Checkered Rubber Stock; Length Over All, 4½ inches; **41 Caliber; Blued;** Rubber Handle; Shoots .41 SRF Cartridges.

	Suggested Retail Price Each	Each
No. 241R—Weight Each, 11 ozs.	**$21 50**	13.45

One in a Box

REVOLVERS
SMITH & WESSON



MILITARY AND POLICE MODEL
Square Butt
Double Action; Hand Ejector

Solid Frame; Swing Out Cylinder; Loose Hammer Nose; Provided with Front Cylinder Lock; Enlarged Breech.

32 Caliber; 6 Shots; Checked Walnut Square Butt Stock; Shoots 32 WCF Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. ozs.	Ea., Each	*Suggested Retail Price Each*
326MM	Nickel Plated	6	37	$52.00	32.50
2324MM	Blued	4	34	52.00	32.50
2325MM	Blued	5	36	52.00	32.50
2326MM	Blued	6	37	52.00	32.50

One in a Box

38 Caliber; 6 Shots; Checked Walnut Square Stock; Shoots 38 S & W Special or 38 Long Colt U. S. Service Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. ozs.	Ea., Each	*Suggested Retail Price Each*
384MM	Nickel Plated	4	34	$52.00	32.50
385MM	Nickel Plated	5	36	52.00	32.50
386MM	Nickel Plated	6	37	52.00	32.50
2384MM	Blued	4	34	52.00	32.50
2385MM	Blued	5	36	52.00	32.50
2386MM	Blued	6	37	52.00	32.50

One in a Box

MILITARY MODEL

44 Caliber; 6 Shots; Checked Walnut Square Stock; Shoots 44 S&W Special Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. ozs.	Ea., Each	*Suggested Retail Price Each*
446½MM	Nickel Plated	6½	38	$58.80	36.75
2446½MM	Blued	6½	38	58.80	36.75

One in a Box

MILITARY AND POLICE MODEL
Round Butt
Double Action; Hand Ejector

Solid Frame; Swing-Out Cylinder; Rebounding Lock; Provided with Front Cylinder Lock.

38 Caliber; 6 Shots; Black Rubber Round Stock; Shoots 38 S&W Special or 38 Long Colt U. S. Service Cartridges.

	Suggested Retail Price Each
No. 385SM—Nickel Plated Finish; Length of Barrel 5 inches; Weight Each, 29½ ozs.	$51 20 — 32.00

One in a Box

REVOLVERS
SMITH & WESSON

SUPER POLICE
NEW S. & W. ".38-.44"
Double Action; Hand Ejector

Solid Frame 44 Military Model, Swing Out Cylinder; Rebounding Lock; **Reinforced Barrel,** Giving Greater Protection to Extractor Rod and Carrying the Center of Weight Further Forward; Smooth Working Safety Hammer Block Prevents Accidental Discharge; 38 Caliber; 6 Shots; Checked Circassian Walnut Grip; Shoots 38 S&W Special Cartridges.

	Suggested Retail Price Each
No. 2335RM—Finish, High Polish Bright Blue; Length of Barrel, 5 inches; Weight, 45 ozs.	$58.80 — 36.75

One in a Box

U. S. ARMY MODEL, 1917

45 Caliber; 6 Shots; Solid Frame; Swing Out Cylinder; Provided with Front Cylinder Lock; Shoots 45 Automatic Pistol Cartridges in Clips, or 45 Caliber Automatic Rim Cartridges Without Clips; Square Butt; Checkered Walnut Stock; 5½-inch Barrel

	Suggested Retail Price Each
No. 2455½US—Weight Each, 36½ ozs.	$58.80 — 36.75

One in a Box

REGULATION POLICE MODEL

Double Action; Solid Frame; Swing Out Cylinder; New Patent Safety Hammer Block; Checkered Wood Stock.

32 Caliber; 6 Shots; Shoots 32 S&W, 32 S&W Long and 32 Colt New Police, Center Fire Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. ozs.	Ea., Each	*Suggested Retail Price Each*
323½SRP	Nickel Plated	3¼	18	$48.80	30 50
324¼SRP	Nickel Plated	4¼	18½	48 80	30 50
2323¼SRP	Blued	3¼	18	48.80	30.50
2324¼SRP	Blued	4¼	18½	48.80	30.50
2326SRP	Blued	6	19¼	48.80	30.50

One in a Box

38 Caliber; 5 Shots; Shoots 38 S&W, 38 S&W Gallery, and 38 Short Colt Center Fire Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. ozs.	Ea., Each	*Suggested Retail Price Each*
394SRP	Nickel Plated	4	18	$48 80	30.50
[illegible]	Blued	4	18	48.80	30.50

One in a Box

REVOLVERS
SMITH & WESSON

SAFETY HAMMERLESS
New Departure

With Automatic Shell Extractor, Rebounding Lock and Patent Safety Attachment.

32 Caliber; 5 Shots; Black Rubber Handle; Shoots 32 S & W Center Fire Cartridges

	Suggested Retail Price Each
No. 323SH—Finish, Nickel Plated; Length Barrel, 3 inches; Weight Each, 14¼ ozs.	$42.80 — 26.75

One in a Box

38 Caliber; 5 Shots; Rubber Handle; Shoots 38 S&W Center Fire Cartridges.

Nos.	Finish	Lgth. Bbl., ins.	Wt. ozs.	Ea., Each	*Suggested Retail Price Each*
383¼SH	Nickel Plated	3¼	18¼	$46.40	29.00
384SH	Nickel Plated	4	18¾	46.40	29.00
2383¼SH	Blued	3¼	18¼	46.40	29.00
2384SH	Blued	4	18¾	46.40	29.00

One in a Box

HARRINGTON & RICHARDSON HAMMERLESS
Double Action; Automatic Ejection

32 Caliber; 6 Shots; Heavy Frame; Shoots 32 S&W Center Fire Cartridges.

	Suggested Retail Price Each
Blued	
No. 2323¼HH—3¼ inch Barrel; Rubber Handle; Weight Each, 18 ozs.	$18.80 — 11.75

One in a Box

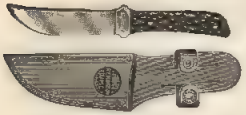
38 Caliber; 5 Shots; Regular Frame; Shoots 38 S&W Center Fire Cartridges.

	Suggested Retail Price Each
Blued	
No. 2383¼HH—3¼ inch Barrel; Rubber Handles; Weight Each, 17 ozs.	$18.80 — 11.75

One in a Box

HUNTING AND SHEATH KNIVES

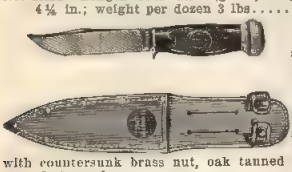
REMINGTON



Mirror finished carbon steel blade, hand honed edge, American bone stag handle, oak tanned leather sheath with snap fastener loop.

Per dozen

No. RH4—Length over all 7½ in., length of blade 4¼ in.; weight per dozen 3 lbs.....$18 00



Mirror finished one piece carbon steel blade and tang, hand honed edge, engraved solid hard rubber handle, nickel silver thumb guard, hard cast aluminum butt, handle securely locked with countersunk brass nut, oak tanned leather sheath with snap fastener loop.

Per dozen

No. RH28—Length over all 8½ in., length of blade 4½ in.; weight per dozen 5¾ lbs.....$36.00

Handle made of leather, colored fibre and nickel silver discs otherwise same construction as No. RH28.

Per dozen

No. RH32—Length over all 8½ in.; length of blade 4½ in.; weight per dozen 6 lbs.....$42.00

One solid piece steel tang and blade otherwise same construction as No. RH32.

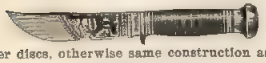
Per dozen

No. RH34—Length over all 9⅜ in., length of blade 5 in.; weight per dozen 8¼ lbs.....$72 00

Handle made of leather, colored fibre and nickel silver discs, otherwise same construction as No. RH28.

Per dozen

No. RH70—Length over all 8 in., length of blade 4½ in.; weight per dozen 4⅛ lbs.....$36.00



Etched blade, handle made of leather, colored fibre and nickel silver discs, otherwise same construction as No. RH28

Per dozen

No. RH71—Length over all 8 in., length of blade 4½ in.; weight per dozen 4⅛ lbs.....$36 00

Etched blade, handle made of pyremite with colored fibre and nickel silver discs, otherwise same construction as No. RH28.

Per dozen

No. RH72P—Length over all 8 in., length of blade 4½ in.; weight per dozen 4⅛ lbs.....$36.00

Etched blade; genuine stag handle; nickel silver thumb guard and cap, otherwise same construction as No. RH28.

Per dozen

No. RH73—Length over all 8 in., length of blade 4½ in.; wt. per dozen 4⅛ lbs.....$36 00

All above, one in a box, one-half dozen in a carton.

REMINGTON

Genuine stag handle; nickel silver thumb guard and cap, otherwise same construction as No. RH28.

Per dozen

No. RH75—Length over all 8 in., length of blade 4 in.; weight per dozen 4⅛ lbs.....$30.00

Handle made of pyremite with colored fibre and nickel silver discs, otherwise same construction as No. RH28.

Per dozen

No. RH74P—Length over all 8 in., length of blade 4 in.; weight per dozen 4⅛ lbs.....$36 00

All above, one in a box, one-half dozen in a carton.

REMINGTON ASSORTED

The display container is arranged so that an actual knife with sheath can be displayed and has compartment for reserve stock

Per assortment

No. RH77—Assortment; consists of 8 sheath knives, one each Nos. RH28, RH32, RH70, RH71, RH72P, RH73, RH74P and RH-75, complete with 12¾x15¾ inch display stand; wt. per assortment 4½ lbs...$23.70

One assortment in a container.

REMINGTON OFFICIAL BOY SCOUT

Official Knife Boy Scout of America

Mirror finished one piece carbon steel blade and tang, blade etched with Official Scout Insignia, hand honed edge, handle made of leather, colored fibre and brass discs, nickel silver thumb guard, hard cast aluminum cap, handle securely locked with countersunk brass nut, oak tanned leather sheath imprinted with Official Scout Insignia.

Per dozen

No. RH50—Length over all 8½ in., length of blade 4⅛ in.; weight per dozen 6 lbs.....$45.00

One in a box, one-half dozen in a carton.

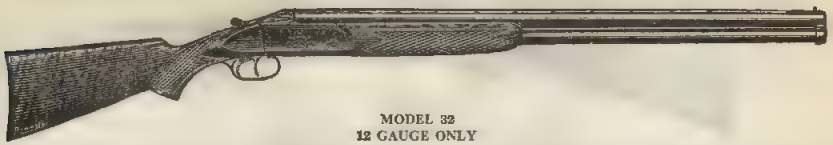
Handle made of leather, colored fibre and nickel silver discs, otherwise same construction as No. RH50.

Per dozen

No. RH51—Length over all 8 in., length of blade 4 in.; weight per dozen 4⅛ lbs.....$32.40

One in a box, one-half dozen in a carton

Remington "Over and Under" Shot Gun



MODEL 32
12 GAUGE ONLY

The Pioneer American-Made Over and Under Gun; One Barrel Above the Other Gives the Advantage of a Single Sighting Plane; Straight-Line Recoil Reduces Recoil and Whip of Gun; Self Adjusting Barrels Compensate for Heat Expansion; Automatic Ejectors; Selective Three-Way Safety; Simple Take-Down; Narrow Grip—More Natural; Ideal for Trap and Skeet Shooting, Especially on Doubles; Attractively Decorated Receiver; Hand-Checkered; High Grade Walnut Stock and Foreend.

STANDARD SPECIFICATIONS

Stock, 14 inches Long, 2½-inch Drop at Heel; 1⅝-inch Drop at Comb, Half Pistol Grip; Upper Barrel, Full Choke, Lower Barrel, Modified Choke

	Each	*Suggested Retail Price Each*
✣No. R3212—30-inch Barrel	$125 40	78 40
✣No. R3212R—30-inch Barrel; Raised Solid Ribbed Barrel	137 40	86 40
✣No. R3212VT—30-inch Barrel; Raised Ventilated Rib	156.00	98.80

Can Furnish to Special Order Only Any Other Choke Desired, with 28, 30 or 32-inch Barrel.

Repeating Shot Guns

STEVENS
MODEL 620—BROWNING PATENT
Take Down; Hammerless; Six Shot—Proof Tested
FIELD GRADE

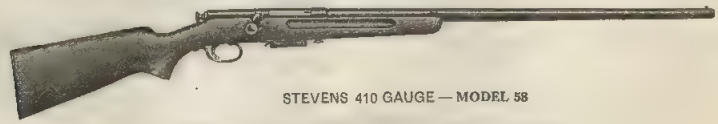
Barrel—High Pressure Compressed Steel; Bored for Nitro Powder.
Action—Hammerless, Visible Locking Bolt, Safety Firing Pin, Independent Safety Side Ejection; Chambered for Any Shell Up to 2¾ inch.
Receiver—Drop Forged; Solid Breech.
Stock—Checkered Walnut; Pistol Grip, Rubber Butt Plate; Checkered Action Slide Handle; Length of Stock, 13¾ inches; Drop, 2¾ inches.

12 Gauge	Each	*Suggested Retail Price Each*
No. S2612—Full Choke Bored; 30 and 32-inch Barrels; Weight Each About 7¾ lbs.	$51 60	32 15
No. S2612M—Modified Choke Bored; 28 and 30-inch Barrels; Weight Each, About 7¾ lbs.	51.60	32.15
No. S2612R—Matted Rib; Full Choke Bored; 30-inch Barrel; Weight Each, About 7¾ lbs.	57 30	35 65

One in a Box, Ten in a Case, Weight per Case, About 110 lbs

16 Gauge	Each	*Suggested Retail Price Each*
No. S2616—Full Choke Bored; 28-inch Barrel; Weight Each, About 7¼ lbs.	$51 60	32 15
No. S2616M—Modified Choke Bored; 28-inch Barrel; Weight Each, About 7¼ lbs.	51.60	32 15

One in a Box; Ten in a Case; Weight per Case, About 95 lbs.



STEVENS 410 GAUGE — MODEL 58

A NEW BOLT ACTION REPEATER—AUTOMATIC EJECTOR
Take Down—4-Shot Repeater

One-Piece Walnut Finish Stock with Full Pistol Grip; Large Forearm with Finger Grooves to Fit the Hand, Blued Action; Self Cocking, Positive Safety; Shotgun Front Sight; Matted Receiver; Steel Butt Plate; Chromium Plated Bolt and Trigger.

Magazine or Clip Capacity: 3 Only, 2½-inch 410 Gauge Shells

	Each	*Suggested Retail Price Each*
No. S58410—410 Gauge; 24 inch Tapered Barrel, Full Choke Bored, Weight Each, 5¼ lbs.	$18 40	12 25

One in a Box, Ten in a Case

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct From Factory, F. O. B. Ilion, N. Y.

Winchester Repeating Rifles

WINCHESTER

MODEL 1907, HAMMERLESS

HIGH POWER SELF LOADING, TAKE-DOWN

20-inch Round Nickel Steel Barrel; Plain Trigger; Pistol Grip Stock of Selected Walnut; Length Over All, 37⅞ inches; Rubber Butt Plate, Weight, About 7¾ lbs., 6 Shots; Sporting Blade Front and Adjustable with Sliding Elevator Rear Sights; Loaded by Recoil, it Being Only Necessary to Pull the Trigger for Each Shot; the Recoil of the Exploded Cartridge Ejects the Empty Shell, Cocks the Hammer and Feeds a Fresh Cartridge from the Magazine Into the Chamber; a Positive Trigger Lock Permits Carrying the Rifle at Full Cock with Safety; When the Lock is Off it Shows a Red Band as a Warning; it Handles Equally Well Without Readjustment, Cartridges Loaded with Either 200 or 250 Grain Bullets.

	Each	*Suggested Retail Price, Each*
No. W07351—351 Caliber; Shoots 351 Winchester Self Loading Cartridges; Weight Each, About 7¾ lbs.	**$105.50**	70 30

One in a Box; Ten in a Case; Weight per Case, About 115 lbs.

WINCHESTER

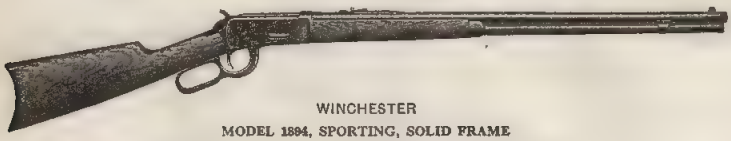
MODEL 1910, HAMMERLESS

HIGH POWER SELF LOADING, TAKE-DOWN

20-inch Round Nickel Steel Barrel Only; Plain Trigger; Detachable Magazine, Selected Walnut Pistol Grip Stock with Shotgun Butt; Rubber Butt Plate; Length Over All, 37⅞ inches, 5 Shots; Sporting Front and Adjustable Rear Sights; Loaded by Recoil, it Being Only Necessary to Pull the Trigger for Each Shot; the Recoil of the Exploded Cartridge Ejects the Empty Shell, Cocks the Hammer and Feeds a Fresh Cartridge from the Magazine in to the Chamber; a Positive Trigger Lock Permits Carrying the Rifle at Full Cock with Safety; When the Lock is Off it Shows a Red Band as a Warning; it Handles Equally Well Without Readjustment, Cartridges Loaded with Either 200 or 250 Grain Bullets.

	Each	*Suggested Retail Price, Each*
No. W10401—401 Caliber; Shoots 401 Winchester Self-Loading Cartridges; Weight Each, About 8¼ lbs.	**$105.50**	70 30

One in a Box; Ten in a Case; Weight per Case, About 125 lbs.



WINCHESTER

MODEL 1894, SPORTING, SOLID FRAME

26-inch Octagon Barrel; Plain Trigger; Magazine Capacity, Eight Shots.

	Each	*Suggested Retail Price, Each*
No. W9430—30 Caliber; Shoots 30/30 W. C. F. Smokeless Cartridges; Weight Each, About 8 lbs.	**$70.00**	46 25

Ten in a Case; Weight per Case, About 140 lbs.

WINCHESTER

CARBINE MODEL 1894—SOLID FRAME

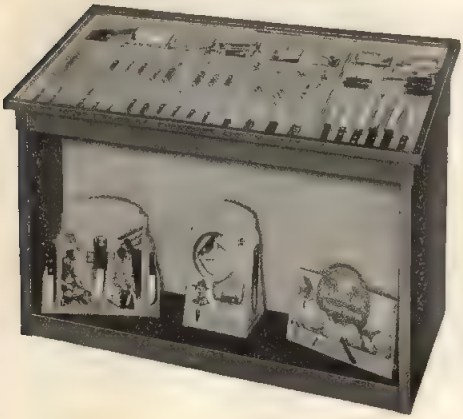
20-inch Round Nickel Steel Barrel; Plain Trigger; Magazine Capacity, Six Shots.

	Each	*Suggested Retail Price, Each*
No. W9425C—25 Caliber; Shoots 25/35 W. C. F. Smokeless Cartridges; Weight Each, About 6½ lbs.	**$65.60**	43 75
No. W9430C—30 Caliber; Shoots 30/30 W. C. F. Smokeless Cartridges; Weight Each, About 6½ lbs.	**65.60**	43.75

One in a Box; Ten in a Case; Weight per Case, About 116 lbs.

STEEL CUTLERY TABLES

REMINGTON



Slanting Top

Made entirely of steel, solidly constructed and furnished only in olive green with orange colored background and display inserts.

Slanting top with sliding glass to protect the items displayed and so arranged that it can be locked if desired.

Table equipped with four inserts. Any selection of inserts may be made to suit each dealer's requirements.

Specify Inserts wanted when ordering table.

Lower front part where three lithographed display cards are shown makes a good place to exhibit larger merchandise. The back contains roomy shelves for storage.

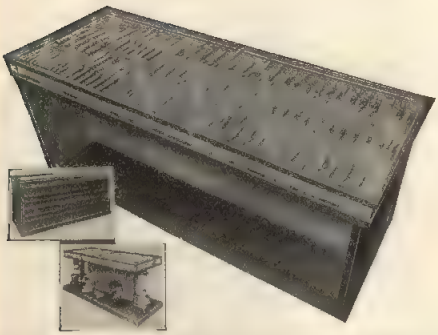
This merchandise is the finest fixture you can have. It will pay for itself, items are attractively displayed, priced and help to make sales Provides an efficient stock control reducing your investment.

Each

No. RC68—56 in. long, 27 in. wide, 35 in. high in front and 40 in. high in rear; weight complete with glass and inserts 273 lbs..... **$150.00**

Shipped knocked down and crated flat, easily assembled.

NOTE—For Display Inserts for Above Tables See Next Page



Finished in a rich medium brown with N.R.H.A. orange colored display backgrounds (Optional colors, olive green, Virginia cream, gold front green, special maroon and light brown.)

Table is 84¼ in. long, 31¼ in. wide and 36½ in. high Top only is 6½ in. high outside. Top is in one piece crated. Table is shipped knocked down and crated flat. Easily put together. Glass is shipped separately.

Each

No. C1198TG1—Table, complete with glass sides and sliding top, and six Remington Mass Display Cutlery Inserts, as listed on next page, specify inserts wanted; weight each 542 lbs. **$258.75**

No. C1199TG1—Table, open ends and front, complete with glass sides and sliding top and six Remington Mass Display Inserts, as listed on next page; specify inserts wanted; weight each 517 lbs..... **258.75**

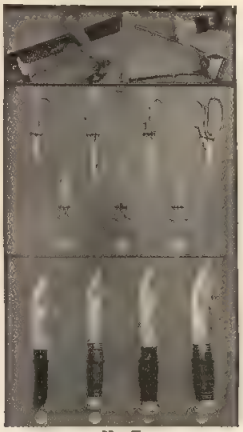
Shipped knocked down and crated flat, easily assembled.

NOTE—For Display Inserts for Above Tables See Next Page

A substantial price reduction is made on this Display Table when bought with an assortment of Remington knives. — Write for information.

DISPLAY INSERTS
REMINGTON

No. E



No. F

No. G

These Inserts are made expressly for Remington Cutlery Table RC-68. Built of steel, orange lacquer finish.

Four Inserts will fill a table The suggested case consists of following Inserts· two No. E (pocket knives one No F (shears and hunting knives), one No. G (household and paring knives).

A convenient open bin is provided at top of each Insert to hold miscellaneous cutlery items.

Pocket knife samples are held in place by Remington patented invisible clips other items held by elastic run through eyelets. The display lid of each Insert is easily removed. Individual white celluloid buttons show number and price.

Underneath each lid is a partitioned section. for ample reserve stock. Can be kept directly below sample displayed. Makes it easy to take inventory.

Prices Are For Inserts When Bought Separately from Tables	Each
No. E—Insert; to display and hold twelve patterns of pocket knives	**$12.00**
No. F—Insert; to display and hold seven patterns of Scissors and either four patterns of Sheath Knives or four patterns of Shears	**12.00**
No. G—Insert; to display and hold six patterns of Household Slicers and six Paring Knives	**12.00**

These Inserts are made expressly for Remington Cutlery Tables Nos. C1193TG1 and C1199TG1.

No. D No. C No. B No. A

For tables C1193TG1 & C1199TG1

The flexibility of Remington Mass Display Cutlery Inserts can be seen at a glance. Four are shown—six fill a case.

The suggested case consists of two No. A, showing 36 patterns of pocket knives; two No. B, holding 34 patterns of shears and scissors; one No. C, displaying 12 patterns of household knives, forks and spatulas; one No. D, in which are five sizes of butcher knives up to twelve inch blade and 10 paring knives

If it is desired to show more pocket knives, additional inserts can be ordered. If but 18 patterns are carried only one insert is necessary Shears and scissors can be increased or decreased in a like manner—likewise, household cutlery, butchor and paring knives.

Pocket knives samples are held in place by Remington patent invisible clips—balance of samples by black elastic run through eyelets Each insert is easily removable by raising the brass knob Stock is carried in partitioned sections under lids.

Inserts are constructed entirely of steel with spot welded partitions and corners, tops and lids have turned edges all furnished in orange lacquer size of each insert 29¼ inches long, 13⅝ inches wide, 2⅝ inches high, each is packed in a fibre carton, weight 15 lbs.

Prices are for Inserts When Bought Separately from Tables	Each
No. A—To display and hold 18 patterns pocket knives	**$13.05**
No. B—To display and hold 17 sizes and patterns shears and scissors	**13 05**
No. C To display and hold 12 patterns household knives forks, and spatulas	**13 05**
No. D—To display and hold 5 butcher knives and 10 paring knives	**13.05**

All above, weight each 15 pounds—One in a carton.

Note A substantial price reduction is made on this Display Material when bought with an assortment of Remington Knives. Write for information.

Remington Repeating Rifles

REMINGTON
AUTO-LOADING, STANDARD GRADE

Take Down (Factory No. 8A)

Solid Breech; Hammerless; 5 Shots; 22-inch Round Barrel Only; Plain Walnut Stock; Straight Grip; Steel Rifle Butt Plate; Blued Finish; Weight Each, About 7¼ lbs.; Complete With Cartridge Clip.

Extra Light Trigger Pull, from 1½ to 3 lbs., Balanced Trigger, which Prevents the Arm from Jarring Off Should it be Accidentally Dropped while the Safety is Unlocked; The Safety when in a Locked Position Securely Locks Both the Trigger and Bolt.

	Each	Suggested Retail Price, Each
No. RA25—25 Caliber; Shoots 25 Remington Auto-Loading Smokeless Cartridges; Weight Each, About 7¼ lbs.	$110.40	73.60
No. RA3030—30 Caliber; Shoots 30/30 Remington Auto-Loading Smokeless Cartridges; Weight Each, About 7¼ lbs.	110.40	73.60
No. RA32—32 Caliber; Shoots 32 Remington Auto-Loading Smokeless Cartridges; Weight Each, About 7¼ lbs	$110.40	73.60
No. RA35—35 Caliber; Shoots 35 Remington Auto-Loading Smokeless Cartridges; Weight Each, About 7¼ lbs.	110.40	73.60

One in a Box; Five in a Case; Weight per Case, 57 lbs.

Savage Repeating Rifles

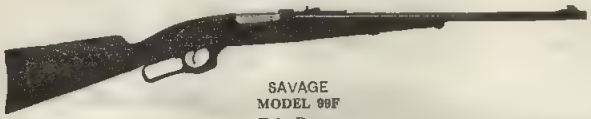
SAVAGE
MODEL 99B SPORTING

Take Down

Hammerless; Lever Action; Solid Breech; Six Shots; Magazine Capacity, Five Cartridges; Hi-Pressure Steel 24-inch Round Barrel; Polished Breech Bolt; Case Hardened Lever; Blued Receiver; Selected American Walnut Stock and Forearm; Steel Butt Plate; Hammer Indicator on Top Tang of Receiver; White Metal Bead Front Sight and Adjustable Flat Top Sporting Rear Sight.

	Each	Suggested Retail Price, Each
No. S30TD—30 Caliber; Shoots 30/30 Winchester or Savage Smokeless Cartridges; Weight Each, 8 lbs.	$79.60	51.75
No. S300TD—300 Caliber; Shoots 300 Savage Smokeless Cartridges; Weight Each, 8 lbs.	79.60	51.75

One in a Box; Ten in a Case; Weight per Case, About 115 lbs.



SAVAGE
MODEL 99F

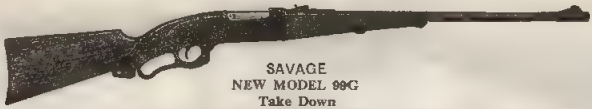
Take Down

Hammerless; Lever Action; Solid Breech; Hi-Pressure Steel Barrel; Polished Breech Bolt; Case Hardened Lever; Blued Receiver; American Walnut Stock and Forearm; Six Shots; Magazine Capacity Five Cartridges; Metal Bead Front Sight and Savage Sporting Rear Sight.

	Each	Suggested Retail Price, Each
No. S30FW—30 Caliber; 22-inch Round Barrel; Shoots 30/30 Winchester or Savage Smokeless Cartridges; Weight Each, 7¼ lbs	$79 60	51 75
No. S300FW—300 Caliber; 24-inch Round Tapered Barrel; Shoots 300 Savage Smokeless Cartridges; Weight Each, 7¼ lbs.	79 60	51.75
No. S303FW—303 Caliber; 22-inch Round Tapered Barrel; Shoots 303 Savage Smokeless Cartridges; Weight Each 7¼ lbs.	79 60	51 75
No. S250FW—25 Caliber; 22-inch Round Tapered Barrel; Shoots 250/3000 Savage Smokeless Cartridges; Weight Each, 7¼ lbs.	79.60	51.75

One in a Box; Ten in a Case; Weight per Case, About 100 lbs.

Savage Repeating Rifles



SAVAGE
NEW MODEL 99G
Take Down

Hammerless; Repeating, Lever Action; Solid Breech; Six Shots; Round Tapered Steel Barrel; Blued Frame; Checkered Trigger; American Walnut Checkered Pistol Grip Stock and Forearm; Raised Ramp Front Sight Base; Wind Gauge Rear Sight.

	Each	Suggested Retail Price Each
No. S250HP—25 Caliber; 22-inch Barrel; Shoots 250/3000 Savage Smokeless Cartridges; Weight Each, 7¼ lbs.	$85.10	56 35
No. S300HP—300 Caliber; 24-inch Barrel; Shoots 300 Savage Smokeless Cartridges; Weight Each, 7¼ lbs.	85.10	56 35

One in a Box; Ten in a Case; Weight per Case, About 110 lbs.

SAVAGE
SOLID FRAME
MODEL 40 SUPER-SPORTER RIFLE

Bolt Action; Tapered Round Barrel with Raised Ramp Front Sight Base; One-Piece Walnut Stock with Pistol Grip and British Type Fore-Stock; Rubbed Varnish Finish; Corrugated Steel Butt Plate; Four Shot Detachable Magazine.

	Each	Suggested Retail Price Each
No. S30SS—30/30 Caliber; 22-inch Tapered Round Barrel; Shoots 30/30 Winchester or Savage Smokeless Cartridges; Weight Each, 7½ lbs.	$59.80	40 00
No. S250SS—250/3000 Caliber; 22-inch Tapered Round Barrel; Shoots 250/3000 Savage Smokeless Cartridges; Weight Each, 7½ lbs	59 80	40 00
No. S30/06SS—30/06 Springfield Caliber; 24-inch Tapered Round Barrel; Shoots 30/06 Springfield Cartridges; Weight Each, 7½ lbs.	59 80	40 00

One in a Box; Ten in a Case; Weight per Case, 125 lbs.

SAVAGE
MODEL 23AA—SPORTER
SOLID FRAME

Bolt Action; Round Barrel; Rocky Mountain Knife Blade Front Sight and Elevator Adjustment Rear Sight; One-Piece Stock and Forearm of Selected American Walnut; Full Curve Pistol Grip; Five Shot Detachable Box Type Magazine.

	Each	Suggested Retail Price Each
No. SS22—22 Caliber; 23-inch Barrel; Shoots 22 Long Rifle Cartridges; Weight Each, 6 lbs.	$33.40	22 25

MODEL 23B

No. S2520—25-20 Caliber; 25-inch Barrel; Shoots 25/20 Center Fire Cartridges; Weight Each, 6 lbs.	51.40	34.25

MODEL 23C

No. S3220—32-20 Caliber; 25-inch Barrel; Shoots 32/20 Winchester Center Fire Cartridges; Weight Each, 6 lbs.	51.40	34 25

One in a Box; Ten in a Case; Weight per Case, About 115 lbs.

SAVAGE
MODEL 23D

Bolt Action Repeating Rifle; Five Shot; Detachable Magazine; High Power Smokeless Steel Barrel, New Design; Large One-Piece Pistol Grip Stock and Forearm Made of Selected Walnut, Rubbed Varnish Finish, Flat Top, Adjustable Sporting Rear Sight and Gold Bead Front Sight.

	Each	Suggested Retail Price Each
No. S2322H—22 Hornet Caliber; 25-inch Barrel, Shoots 22 Hornet Cartridges; Weight Each, 6½ lbs.	$51.40	34.25

Five in a Case; Weight per Case, 65 lbs.

Remington 22 Caliber Repeating Rifles

REMINGTON
STANDARD GRADE
Take Down, (Factory No. 12A)

Solid Breech; Hammerless; Takes Without Any Adjustment 22 Short; Long and Long Rifle Cartridges; 22-inch Round Barrel; Straight Grip Walnut Stock Fitted with Rubber Butt Plate.

	Each	*Suggested Retail Price Each*
No. R12—Magazine Holds 14-22 Short, 11-22 Long or Long Rifle Cartridges; Wt. Each, 4½ lbs.	$38.70	25 80

One in Box; Ten in a Case; Weight per Case, 70 lbs.

REMINGTON
STANDARD GRADE
AUTOMATIC
Take Down, (Factory No. 24A)

Solid Breech; Hammerless; 15 Shots; 21-inch Round Barrel Only; Pistol Grip; Steel Rifle Butt Plate; Blued Finish; Screw Adjustable Straight Bar Rear Sight and White Metal Bead Front Sight.

	Each	*Suggested Retail Price Each*
No. RA24S—22 Caliber; Shoots 22 Short Smokeless, Greased or Lesmok Cartridges; Weight Each, 5 lbs.	$42.00	28.00
No. RA24LR -22 Caliber; Shoots 22 Long Rifle Cartridges; Weight Each, 5 lbs.	42.00	28 00

One in a Box; Ten in a Case; Weight per Case, 60 lbs.

Savage 22 Caliber Repeating Rifles

SAVAGE
MODEL 29, TAKE DOWN

Hammerless; Repeating; Slide Fore-Arm Action; 24-inch Octagon Barrel; Lyman Gold Bead Front Sight and Adjustable Flat Top Sporting Rear Sight; American Walnut Stock with Full Pistol Grip; Hard Rubber Butt Plate.

	Each	*Suggested Retail Price Each*
No. S2922—22 Caliber; Chambered to Shoot Without Adjustment; 22 Short, 22 Long, and 22 Long Rifle Cartridges; Magazine Capacity, 20 Shorts, 17 Long and 15 Long Rifle Cartridges; Weight Each, About 6 lbs.	$34.20	22 80

One in a Box; 10 in a Case; Weight per Case, About 90 lbs.

Bolt Action 22 Caliber Single Shot Rifles

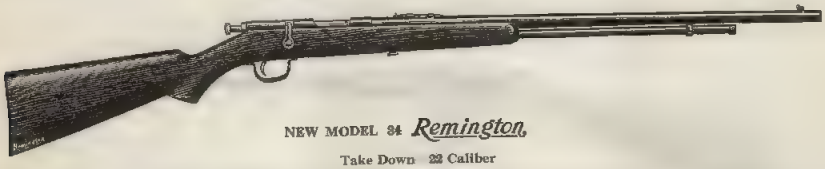
Take Down

REMINGTON BOLT ACTION MODEL 34 NRA TARGET, REPEATER

24-inch Round Tapered Barrel, Equipped with Lyman Receiver Sight with Cup Disc (Adjustable for Elevation and Windage), Partridge Type Front Sight; ⅛-inch Adjustable Leather Sling Strap with Swivel Hooks. No Rear Sight Slot in Barrel. Rustless Chromium Plated Bolt, Bolt Handle and Trigger; Tubular Magazine Smooth, Easy Action, Automatic Shell Ejector, Perfectly Balanced; Extremely Accurate Rifle Cocks on Opening of Bolt. Magazine Holds Twenty-two Short, Seventeen Long, and Fifteen Long Rifle Cartridges. Regular and High-Speed and Also Twenty-two Long Rifle Palma Hi-Speed

	Each	Suggested Retail Price Each
No. R34NRA --Weight Each, About 5½ lbs	$23.10	17.30

One in a Box



NEW MODEL 34 *Remington*

Take Down 22 Caliber

Bolt Action Type Construction Special Safety Feature. Simple Take-Down Principle. Genuine Walnut One Piece Stock. Barrel Chambered for 22 Short, Long and Long Rifle Kleanbore, Hi-Speed or Regular Cartridges.

	Each	Suggested Retail Price Each
No. R3422—Magazine Capacity, 22 Only 22 Short Cartridges, 17 Only 22 Long Cartridges, 15 Only 22 Long Rifle Cartridges; 24-inch Barrel. Weight Each, 5¾ lbs.	$20.00	12 50

SAVAGE

1933 DESIGN; 22 CALIBER

MODEL 19 N. R. A. TARGET RIFLE

Bolt Action; 25-inch Barrel, Drilled for Telescope Sight Blocks A Large, Open Loading Port is Provided for Easy Single Shot Loading; New Design Aperture Type Rear Sight, with Click Adjustments for Elevation and Windage; Adjustments Provided with Positive Click, Graduated Half Minute of Angle, Which is Equivalent to Change in Point of Impact of Half Inch at 100 Yards; Other Ranges in Proportion, Straight Blade, Military Type Front Sight; Equipped with Swivels for 1¼-inch Sling Strap, Front Swivel, 16½ inches Forward of Trigger. Five Shot Box Type Magazine.

	Each	Suggested Retail Price Each
No. S1922—22 Caliber; Shoots 22 Caliber Long Rifle Cartridges, Either Regular or Hi-Speed	$53 70	33 50

One in a Box; Weight per Box, 8 lbs. Ten in a Case; Weight per Case, 110 lbs.

STEVENS-SPRINGFIELD

WILL HANDLE ALL HI-SPEED CARTRIDGES

TARGET MODEL 066—TAKE DOWN

24-inch Round Tapered Barrel, Crown Muzzle; Self Cocking Bolt Action with Independent Safety; Chromium Plated Bolt and Trigger; Receiver Peep Sight with Two Interchangeable Sighting Discs; Hooded Ramp Front Sight with Three Interchangeable Inserts, Military Type Stock with Full Pistol Grip; Steel Butt Plate; Grooved Forearm to Fit Hand, Tubular Magazine Holds Thirteen 22 Long Rifle, Fifteen 22 Long, or Nineteen 22 Short High Speed or Regular Cartridges.

	Each	Suggested Retail Price Each
No. ST66—Weight Each, 5½ lbs	$18 80	11 75

Packed One in a Box; Ten in a Case; Weight per Case, About 65 lbs.

Winchester Repeating Rifles

WINCHESTER
STANDARD MODEL
MODEL 54—BOLT ACTION—SOLID FRAME

24-inch Round Tapered Barrel; New Type Selected Walnut N. R. A. Stock and Forearm; Forearm and Grip Checkered; Shotgun Type Butt Stock with Cross Ribbed Steel Butt Plate; Magazine Holds Five Cartridges, which, with the One in the Chamber, Makes it a Six-Shot Repeater; Lyman Gold Bead Front Sight and Lyman Folding Leaf Rear Sight; Receiver Drilled for Lyman 48W Micrometer Sight

	Each	*Suggested Retail Price, Each*
No. W5436—30 Government '06 Caliber; Shoots 30 Government '06 Caliber Cartridges; 24-inch Round Barrel; Weight Each, 7¾ lbs.	**$82.10**	61.40
No. W5436C—Carbine; 30 Government '06 Caliber; Shoots 30 Government '06 Caliber Cartridges; 20-inch Round Barrel; Weight Each, 7¼ lbs.	**85.40**	56.95
No. W54270—270 Caliber; Shoots 270 Caliber Cartridges; 24-inch Round Barrel; Weight Each, 7¾ lbs.	**82.10**	61.40
No. W54270C—Carbine; 270 Caliber; Shoots 270 Caliber Cartridges; 20-inch Round Barrel; Weight Each, 7¼ lbs.	**85.40**	56.95

Ten in a Case; Weight per Case, About 135 lbs.

WINCHESTER
MODEL 54 HORNET

Six Shots; Bolt Action with New Speed Lock; Solid Frame High Velocity Small Bore; Sensationally Accurate; Adapted to 22 Hornet Cartridge, **24-inch Round Tapered Barrel** with Ramp Front Sight Base; Especially Designed N. R. A. Type Pistol Grip Stock of Selected Walnut 13½ inch Pull, 1⅝-inch Drop at Comb, 2⅝-inch Drop at Heel; Grip and Forearm Checked; Swivel Bows for Gun Sling; Shotgun Butt with Checkered Steel Butt Plate; Lyman Gold Bead Front Sight; Winchester 22G Rear Sight; Magazine Capacity, 5 Cartridges.

	Each	*Suggested Retail Price, Each*
No. W5422H—Receiver Drilled for Lyman 48W Micrometer Sight	**$82.10**	61.40
No. W5422HRS—Fitted with Lyman 48W Micrometer Sight	**112.20**	72.90

One Rifle in a Carton; Weight, about 7¾ lbs.; Ten Cartons in a Case

WINCHESTER
MODEL 64, STANDARD

Six Shots; Light Weight High Velocity Hunting Rifle; Developed from Model 94; Solid Frame; **24-inch Barrel;** Improved Whalen Shaped Stock, Fitted with Steel Butt Plate and Full Pistol Grip; Forend Round and Deep Tapered; Stock and Foreend Oil Finish; Front Long Ramp Hunting Bead Sight; New Quick Elevating Rocky Mountain Rear Sight with Adjusting Slide.

	Each	*Suggested Retail Price, Each*
No. W6430—Chambered for 30 Winchester (30-30)	**$67 30**	44.85
No. W6432—Chambered for 32 Winchester Special High Velocity Cartridge	**67.30**	44 85

One in a Carton; Weight, 7 lbs.; Ten Cartons in a Case

Remington Repeating Rifles

MODEL 30—EXPRESS RIFLES

Solid Frame

22-inch Round Barrel Made of Ordnance Steel; American Walnut Buttstock and Forestock in One Piece; Pistol Grip Stock, Checkered; Fitted with Loops for Sling Straps; Forged Steel Semi-Shotgun Type Butt Plate; Mazagine is of the Staggered Box Type, Charged Singly or from Standard Clip; Capacity, 5 Cartridges; Front Sight Gold Bead Blade Type, Buckhorn Sporting Rear Sight with Adjustable Reversible Leaf with U and V Notches and Adjustable Slide; Both Front and Rear Sights Mounted on Barrel Bands; Receiver is Drilled and Tapped for Lyman No. 48 Micrometer Wing Gauge Receiver Sight; The Bolt Handle is Set Back Over the Trigger in the Most Convenient Location to be Grasped Easily and Quickly; it is Offset so that its Operation Does Not Interfere with the Line of Sight; the Bolt is Operated with a Short Snappy Single Pull; Matted Receiver; Length Over All, 42¾ inches.

	Each	*Suggested Retail Price, Each*
No. RE30—30 Caliber; Shoots Remington 30 Automatic Rimless Cartridges; Actual Weight Each, 7⅝ lbs.	**$91 00**	60 65
No. RE35—35 Caliber; Shoots Remington 35 Automatic Rimless Cartridges; Actual Weight Each, 7½ lbs.	**91.00**	60 65

One in a Case

NEW MODEL 30—EXPRESS CARBINES

Solid Frame

Bolt Action; Equipped with 20-inch Round Barrel of Ordnance Steel and Shotgun Steel Butt Plate, Horizontally Grooved to Prevent Slipping, Plain Stock; Grooved Forward Grip.

	Each	*Suggested Retail Price, Each*
†No. RE25C—25 Caliber; Shoots Remington 25 Automatic Rimless Cartridges; Actual Weight Each, 7 lbs.	**$34 00**	56 00
†No. RE32C—32 Caliber; Shoots Remington 23 Automatic Rimless Cartridges; Actual Weight Each, 7 lbs.	**84.00**	56 00
†No. RE35C—35 Caliber; Shoots Remington 35 Automatic Rimless Cartridges; Actual Weight Each, 7 lbs	**84 00**	56.00

One in a Case

REMINGTON

STANDARD GRADE (Factory No. 14A)

Take Down; Solid Breech; Hammerless; Pump Action; Six Shot

22-inch Special Ordnance Steel Barrel; Half Pistol Grip Stock of American Walnut; Fitted with Steel Rifle Butt Plate; Patented Quick Adjustable No. 1 Buckhorn Rear Sight and New Design Copper Bead Front Sight.

	Each	*Suggested Retail Price, Each*
No. RP25—25 Caliber; Shoots 25 Remington Auto Loading Smokeless Cartridges	**$73 10**	48 75
No. RP30—30 Caliber; Shoots 30 Remington Auto-Loading Smokeless Cartridges	**73 10**	48.75
No. RP32—32 Caliber; Shoots 32 Remington Auto-Loading Smokeless Cartridges	**73.10**	48 75
No. RP35—35 Caliber; Shoots 35 Remington Auto-Loading Smokeless Cartridges	**73.10**	48 75

Weight Each, About 6¾ lbs.; One in a Box; Five in a Case; Weight per Case, 50 lbs.

REMINGTON

STANDARD GRADE

Take Down, (Factory No. 25A)

Solid Breech; Hammerless; Pump Action, 11 Shots; Round, Special Remington Steel Barrel; Half Pistol Grip Stock of American Walnut, Fitted with Steel Rifle Butt Plate; White Metal Bead Front Sight; Step Adjustable Buck Horn Rear Sight; Magazine Holds 10 Cartridges and is Loaded Through a Door on Side; Indicator Shows Whether Loaded or Empty.

	Each	*Suggested Retail Price, Each*
No. R2520—25 Caliber; 24-inch Round Barrel; Shoots 25/20 Center Fire Cartridges; Weight Each, About 5½ lbs.	**$59 80**	39 90

One in a Box; Ten in a Case; Weight per Case, 75 lbs.

Items Marked † Can Only be Furnished by Shipping Direct from Factory, F. O. B., Ilion, N. Y.

GUN PREPARATIONS

WINCHESTER

GUN OIL

In 3-ounce Cans; For Lubricating the Lock Mechanism of Firearms, for Typewriters, Sewing Machines, Dental and Surgical Instruments, etc.; Will Not Become Rancid or Gum in Hot Weather Nor Cause Misfires by Thickening in Extreme Cold.

Per Dozen Cans

No. W3—Weight per Dozen Cans, 4 lbs...$4.00

One Dozen Cans in a Display Carton

WINCHESTER GUN GREASE

In 2-oz. Tubes; a Light Coat of this Grease on Any Polished Metal Will Prevent it from Rusting, Provided it Has Been Properly Cleaned, and Preserve its Luster and Finish; This Compound Will Not Become Rancid in Any Climate and Will Not Flow Off from a Warm Barrel and Leave it Dry.

Per Dozen Tubes

No. W1—Weight per Dozen Tubes, 2 lbs.. $2.40

One Dozen Tubes in a Display Carton

WINCHESTER RUST REMOVER

In 2-oz. Tubes; Non-abrasive; Doesn't Cut or Scratch; Removes Rust with Very Little Effort; For Fire Arms, Skates, Shears, Golf-clubs, Metal Instruments—in Fact, for Any Metal Surface on which Rust Has Formed and on Which You Wish to Restore the Original Finish in Fine Non-Injured Form, Winchester Rust Remover is Preferable to Any Other Preparation.

Per Dozen Tubes

No. WR—Weight per Dozen Tubes, 2¾ lbs.....$4.00

One Dozen Tubes in a Display Carton

GUN PREPARATIONS

WINCHESTER

GENERAL UTILITY OIL

In 3-oz. Cans; a Light, Clean, Odorless, Pure Mineral Oil, Utterly without the Greasy Smell so Noticeable in Most Lubricating Oils; it Oils and Improves Everything that Needs Lubrication, Protection or Cleaning, Regardless of Climate or Condition of Weather; it Does Not Gum, Become Rancid or Dry Out; it Contains Neither Grease nor Acid and Collects no Dirt.

It Cleans and Polishes the Finest Furniture without the Slightest Injury; Restores to Original Brilliancy Polished Surfaces that have Become Dingy from Wear, and Brings Out the Grain of the Wood.

It Prevents Rust on All Metal Surfaces in Any Climate; Especially Valuable Near Salt Water where All Metals Tend to Rust or Tarnish.

Per Dozen Cans

No. W13—Weight per Dozen Cans, 4½ lbs.....$4.00

One Dozen Cans in a Display Carton

MARBLE NITRO-SOLVENT OIL

Quickly Dissolves the Residue of All Black and Smokeless Powders, Including Cordite, Neutralizing the Acids Before, or Even After They Penetrate the Steel; Contains No Acid and Will Not Congeal; if Applied Soon After Shooting, the Arm Can be Left Several Days without Wiping and Still be in Perfect Condition when Cleaned.

In 3 oz. Cans; Best Rust Remover Made; Cleans and Polishes Rapidly; a Perfect Lubricant.

Per Dozen Cans

No. NS—Weight per Dozen Cans, 4 lbs...$5.50

One Dozen Cans in a Carton

GUN PREPARATIONS

Remington

LUBRICATING, CLEANING AND POLISHING OIL

For Use in the Home, Office, Store, Garage or on the Farm; Free from Acids and Will Not Gum or Stick; Prevents Rust; Splendid for Firearms, Bicycles, Fishing Reels, Phonographs, Sewing Machines, Typewriters, etc.; Also Very Good for Furniture and Other Highly Polished Surfaces; Furnished in Handy Cans With Non-Refillable Tops; 4½ inches High.

Per Dozen Cans

No. 1—Weight per Dozen Cans, 4 lbs...$4.00

One Dozen Cans in a Carton

Remington
POWDER SOLVENT
MADE IN U.S.A.
A SUPERIOR PRODUCT FOR CLEANING AND REMOVING POWDER RESIDUE FROM THE BARRELS OF FIREARMS
Net Weight 3 Fl'd Ozs.
REMINGTON ARMS COMPANY, Inc.
NEW YORK

Remington

POWDER SOLVENT

A Superior Product for Cleaning and Removing Powder Residue from Rifles, Shot Guns and Revolvers; Neutralizes Any Acid Action That May Set Up by the Powder Residue; Prevents Rust and Corrosion; Free from Acid and Other Chemicals; Furnished in Handy Cans with Non-Refillable Tops.

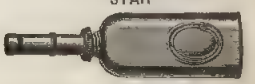
Per Dozen Cans

No. 2—Weight per Dozen Cans, 4 lbs....$4.80

One Dozen Cans in a Carton

POCKET OILERS

STAR



Nickel Plated and Polished; Screw Oil-Proof Cover with Needle Fitting in Oil Spout to Keep from Becoming Clogged and to Prevent Oil Running Out when Oiler is Not in Use.

Per Dozen

No. 15S—Weight per Dozen, 5 ozs.....$3.20

Twelve Dozen in a Box

GUN PREPARATIONS

Remington

GUN GREASE

Protects Metal Surfaces From Rust and Corrosion, Especially Adaptable for Cutlery, Sewing Machines, Tools, Skates, Bicycles, Firearms, etc.; Unaffected by Climatic Conditions; Furnished Only in Tubes, Five inches High.

Per Dozen Tubes

No. 3—Weight per Dozen Tubes, 2 lbs....$2.40
One Dozen Tubes in a Carton

Remington

RUST REMOVER

Will Remove Rust from Metal Surfaces of All Kinds; Especially Adaptable for Tools, Skates, Golf Clubs, Bicycles, Guns, Rifle Barrels, etc.; Furnished Only in Tubes, Five inches High.

Per Dozen Tubes

No. 4—Weight per Dozen Tubes, 2 lbs.$4.00
One Dozen Tubes in a Carton

GUN BLUER

NEW METHOD

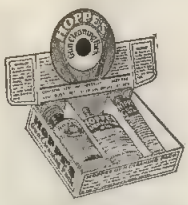
½ pint Cans; Especially Adapted to Touch Up and Refinish Small Jobs on Either Frame or Barrel of Gun or Any Metal that Requires Refinishing; It Prevents Oxidation and is Easy to Apply; Before Applying Remove All Grease or Other Foreign Substance and Then Use a Soft Cloth or Fine Camels Hair Brush and Apply with an Even Stroke in One Direction; Do Not Brush Back and Forth.

Per Dozen Cans

No. 2BS—Weight per Dozen Cans, 4 lbs.$20.00
Loose

GUN CLEANING PACKS

HOPPE



Contains Everything that is Needed to Keep Firearms Free from Rust, Clean and Bright Indefinitely; Assortment Consists of a 2-ounce Bottle of No. 9 Nitro Powder Solvent, a 3-ounce Can of Lubricating Oil, a 3-ounce Tube of Gun Grease and a Supply of Cleaning Patches.

Per Dozen Assortments

No. HP1—Weight per Dozen Assortments, 12 lbs.....$18.00
One Assortment in a Box

NITRO POWDER SOLVENT

*SHAPLEIGH'S DIAMOND BRAND
TRADE MARK REG IN THE U. S. PAT. OFFICE
"QUALITY COUNTS"

In 2-oz. Bottles; a Perfect Solvent for Residues Left in High Power Rifles, Revolvers and Shotguns; Removes Metal Fouling, and is Indispensable for 22 Caliber Rifles; Absolutely Will Not Harm or Rust the Barrel.

Directions for Use

Cut Soft Cloths in Swab Shapes, Saturate Well with Diamond Solvent and Push Slowly Into Breech of Gun so as to Saturate the Interior of Barrel; Repeat Operation with a Clean Saturated Cloth, and then Wipe Dry.

If Firearm is to be Laid Away for Any Length of Time, Repeat Operation Next Day.

Per Dozen Bottles

No. DS—Weight per Dozen Bottles, 4½ lbs..... $4.50
One Dozen Bottles in a Box

HOPPE

In 2-oz. Bottles; for Cleaning High Power Rifles, Shotguns and Revolvers, Firearms of All Kinds; Not Made with Acids; no Rifleman or Military Organization Can Afford to be without it; Makes Rifle Cleaning Easy and will Thoroughly Remove the Residue of Any High Power Powder Now on the Market, Including Black Powder.

Full Directions with Each Bottle.

Per Dozen Bottles

No. NS9—Weight per Dozen Bottles, 4 lbs..... $8.00
One Dozen Bottles in a Box

MATCH BOXES

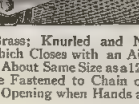
MARBLE

Drawn Brass; Knurled and Nickel Plated Cylinder, which Closes with an Air and Water-Tight Joint; About Same Size as a 12 Gauge Shell; Ring Can be Fastened to Chain or Belt Snap, and Aids in Opening when Hands are Cold.

Per Dozen

No. 181—Weight per Dozen, 1⅓ lbs....$10 80
One Dozen in a Display Carton

CALLS



POLICE

For Traffic Police or Referees; Made of Acmeoid, Assorted Colors, and Will Not Injure the Lips in Cold Weather as Celluloid and Metal Whistles Do; Loud, Deep Tone; no Taste, no Smell; Light in Weight, and Sanitary.

Per Dozen

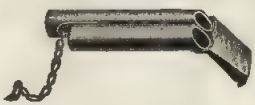
No. 558—Weight per Dozen, ¾ lb.....$1.80
One Dozen in a Box

POLICE SPECIAL

Brass; Nickel Plated; Highly Polished; Size 2¼×⅝×1 inch; Without Chain; Extra Loud and Heavy.

Per Dozen

No. X90—Weight per Dozen, 1 lb.....$3.40
One Dozen in a Box



DOG

Brass; Nickel Plated and Polished; Flat Mouth Piece; 9-inch Chain with Hook; Length, 3⅛ inches.

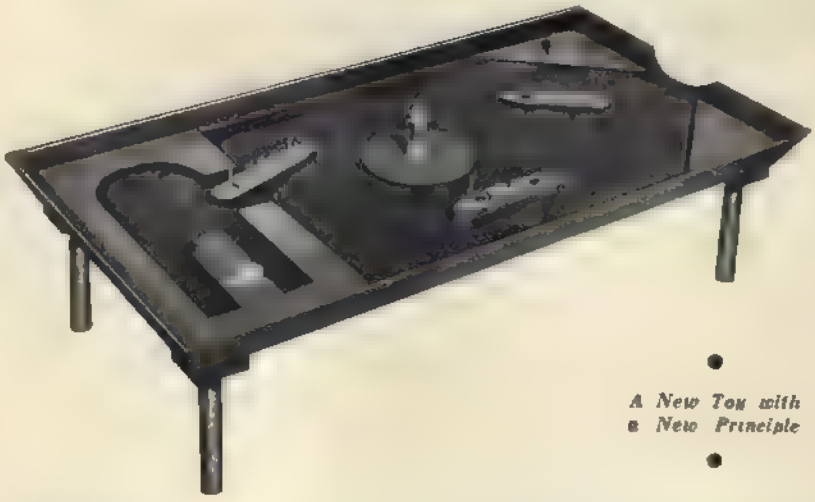
Per Dozen

No. U10—Weight per Dozen, ⅓ lb.....$5.50
One Dozen in a Box

DOG
Metal Polish

Nos.	Length, ins.	Weight per Dozen, lbs.	Per Dozen
020	1⅞	¾	$4.50
030	2⅜	1½	6.00

One Dozen in a Box



A New Toy with a New Principle

REMOTROL MERCHANT FLEET

Remotrol Merchant Fleet introduces a new method of safely playing with boats and with water. This toy, made by the Remotrol Co., 34 W. 37th St., New York, consists of a tank equipped with boats, docks, harbors, an island and a light house. The little tank of Remotrol Merchant Fleet holds only one half inch of water and through it the child finds hours of engrossing and constructive play both in the varied arrangement of the land areas and houses, and in the skilful maneuvering of the ships by remote control. Movement of the little ships is accomplished by sub-magnetic action of a very simple character on which patents are now pending. But to the uninitiated, this action is very mysterious and much of the fun of Remotrol comes from mystifying others who are not acquainted with the method of its operation. The little ships will follow any course desired. They can be made to enter the harbor, land at the docks and depart again. When one becomes really skilful it is said to be even possible to have all the ships moving at the same time

BILZ-EM JOINS KOPY-KAT

W. E. Wilson, President of The Robert Keller Ink Company and creator of Kopy-Kat toy products, announces the association of Miss Clara Canham with, and the distribution of Bilz-Em products through the Kopy-Kat organization. The adding of Bilz-Em toys to the Kopy-Kat line is a logical one since they too represent outstanding values in toys that teach while they amuse. In both Bilz-Em and Kopy-Kat the same high regard for real play value has been shown. It has meant bringing into being toys with so wide an application that all children, in spite of their varying tastes and moods, will be intrigued by them. Mr. Wilson believes that the future of successful toy building necessitates the realization that "Toys are Tools" and is spending an increasingly greater amount of time in the planning of new items that meet these requirements. The packaging and merchandising of Kopy-Kat and Bilz-Em products have been enthusiastically received and those who have known of the addition of Clara Canham and Bilz-Em to the organization are looking for interesting developments in the field from the combination. Miss Canham, in handling the Sales and Advertising is planning a national campaign for complete coverage in distribution.

HUTCHINSON TAKES MORE SPACE

Hutchinson Brothers Leather Company, Cincinnati, Ohio, have just completed an addition to their plant which will greatly increase their floor space. The addition is of modern construction affording maximum daylight and all modern machinery for making athletic goods has been installed. Their business has expanded so steadily the last four or five years that this move has been necessary and they should now be in position to give their customers real service

MOSELEY & ABRAHAMS HAVE ATTRACTIVE DISPLAY

Moseley & Abrahams have arranged a very interesting and attractive exhibit of several leading lines in their Toy Center display room, Room 307, 200 Fifth Avenue, New York. Notable among the lines represented is that of the Brinkman Engineering Co., which includes several new target games with electric lights. There are eight entirely new items in this line. Then, there are a variety of items in the Animate Toy Co. line retailing from 10c to $1.00. This firm is showing what is claimed to be the only noiseless tractor on the market. Benner, Inc., table and chair sets, slides, nursery chairs, etc., also occupy a prominent place in this display. A large portion of the showroom is given over to the Steel Builder display of construction sets. Messrs. Moseley & Abrahams have a wide acquaintance among toy buyers and extend a cordial invitation to their many toy buying friends to visit their elaborate display

CHILDREN FORM BILDA-MARIMBA BAND

Among the most outstanding musical toys have been Arnold's Educational Chimes and Semi-Chromatic Chimes which have been manufactured and marketed by the Wolverine Supply & Mfg Co. These toys were developed in cooperation with W. W. Friedlander who is now introducing a musical construction set under the name of Bilda-Marimba. These sets include all the materials necessary to build a correctly tuned Marimba and also instructions for playing the instrument after it is built. An illustration is given of the Juvenile Marimba Band at Hunter College model school. These Marimbas were built by the pupils themselves, after which they organized a band under the leadership of Maurice Arnold, the noted composer. Do-Mi-No, a new music game, which has been highly endorsed by educators, is another of the toys developed by Mr. Arnold and Mr. Friedlander. These toys will be shown during the Toy Fair by The Fred Gretsch Mfg. Co. in the Hotel McAlpin, and also by Geo. Borgfeldt Corp

The Juvenile Marimba Band at Hunter College, N. Y. City

LET MICKEY MOUSE

Introduce to your trade one of the most
INSPIRATIONAL
EDUCATIONAL
and PROFITABLE
lines of games that you can select . . .

Mickey Mouse
$1.00 Retail

FULTON STAMPING & COLORING SETS

Children stamp the outline—and fill in the picture with color crayons. Fulton Stamping and Coloring Games are ideal all year 'round sellers—excellent gift, birthday and holiday items. They stimulate the imagination and encourage artistic effort and expression, closely following the basic principles of modern elementary education.

POPULAR SUBJECTS
MICKEY MOUSE . . . . . $1.00 *Retail*
THREE LITTLE PIGS & LITTLE RED RIDINGHOOD
OUR ARMY FULTON CIRCUS MOTO STAMPS
FARM & JUNGLE ANIMAL STAMPS WILD WEST
25c . . . 50c . . . $1.00 *Retail*

Write for full information.

FULTON SPECIALTY CO.
Elizabeth New Jersey
Sales Office: 200 Fifth Ave., New York City
TOY FAIR VISITORS: See Our Permanent Exhibit. Room 411, 200 Fifth Avenue, New York City.

WE'LL SEE YOU AT THE TOY FAIR

(ROOM 521, 200 FIFTH AVENUE, N. Y. C.)

THE ENTIRE KINGSTON LINE—revamped, improved, better than ever—will be there. It is a complete line of educational, recreational merchandise headed for another year of sales successes. . . . KINGSTON "Little Lady" Electric Ranges, entering their sixth big year, have some notable improvements to show you.

Other KINGSTON Products at the Fair will include KINGSTON Sidewalk Roller Skates, with new models, improvements and a splendid program of sales helps, KINGSTON Electric Irons, KINGSTON Velva Craft and Velva Dolls.

KINGSTON PRODUCTS CORPORATION
TOY DIVISION

KOKOMO INDIANA

NEW YORK CITY, Room 521, 200 Fifth Ave.
SAN FRANCISCO, 718 Mission Street
LOS ANGELES, 1015 S. Los Angeles St.

Kingston
EDUCATIONAL TOYS

We will appreciate your courtesy in mentioning PLAYTHINGS

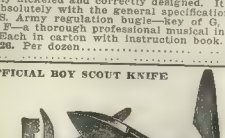
Official Boy Scout and Camp Equipment

Rexcraft

OFFICIAL BUGLE BOY SCOUTS OF AMERICA

Rexcraft Official Boy Scout Bugle. Its easy-blowing quality and rich tone are made possible because of the specially selected, highly polished brass from which it is manufactured. Mouthpiece is heavily nickeled and correctly designed. It conforms absolutely with the general specifications of the U. S. Army regulation bugle—Key of G, with slide to F—a thorough professional musical instrument. Each in carton with instruction book.
No. 13R26. Per dozen..... 32.34
Each..... 2.90

OFFICIAL BOY SCOUT KNIFE

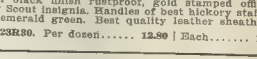


Remington's Official Knife, Boy Scouts of America. regulation size, length closed 3¾ inches, Stag handle, 4 blades, 1 Large Spear, Crocus Polished and Etched with Scout Insignia: 1 Combination Bottle Opener and Screw Driver, 1 Can Opener, 1 Punch Blade, Polished Back; Nickel Silver Bolsters, Shackle, Rivets and Emblem Shield; Brass Lining, Milled Center Scale and Reinforced Lining on Punch Blade Side.
No. 10C352. Per dozen..... 12.00

OFFICIAL BOY SCOUT AXE

Collins Official Boy Scout Axe. Approved and licensed by the National Boy Scouts of America. Hand forged from Collins high grade tool steel. Dull black finish rustproof, gold stamped official Boy Scout insignia. Handles of best hickory stained an emerald green. Best quality leather sheaths.
No. 23R30. Per dozen..... 12.80 | Each..... 1.15

MARBLE'S WOODCRAFT KNIFE



Marble's Woodcraft Knife (No. 49). 4½ inch blade, made of the finest steel, sharpened to a keen edge, finely polished. Proclaimed to be the best all around knife, adapted for skinning, sticking, slicing and whittling. Back is beveled for breaking small bones. Leather handle, aluminum tip. Complete with leather sheath, ½ dozen in box.
No. 10C313. Each..... 1.50

Delta "Buddy" Flashlight Lantern. Operates on two regular size unit flashlight cells. Bright red enamel case, size 3⅝x3¼x2⅝ inches silvered reflector, toggle switch with wire bail and handles.
No. 4C51. Each..... .75

Unit Cell Batteries for "Buddy" Lantern. Also fits all regular size flashlights. 36 in carton.
No. 4C52. Each..... .03½

Individual camp outfit of Viko aluminum. Bright natural finish. Sturdy rustproof fry pan handle provided with holes into which stick can be inserted. All utensils nest and are furnished with a khaki bag with adjustable shoulder strap. Set consists of fry pan, dish, pail, cup, fork and spoon.
No. 23R28. Per outfit..... 1.50

OFFICIAL BOY SCOUT PACK PACKS

Official Style Pack Sack for Boy Scouts. Made of heavy weight, forest brown duck. Large flap with strings to tie. Adjustable web shoulder straps. Size 16x12x4 inches with 8¼x8½ inch outside pocket. Weight 1¼ lbs.
No. 23R40. Each..... 2.00

SIMEON L. & GEORGE H. ROGERS COMPANY X TRA

REPLACEMENT GUARANTEE

ENCORE

The delicate work of the skilled craftsman, the shapely outline and polished planes give this design truly feminine appeal. In its newness it has not lost the age old appeal which fine silver always has

THOR

The new modern trend in smart design is charmingly interpreted in this dainty creation. It fits readily into the scheme of things and adds lasting beauty to any table setting

		SPOONS	List Per Dozen
184	D01.	Tea	$3.20
184	D02.	Table	6.40
184	D03.	Dessert	5.76
184	D04.	Soup	6.40
184	D05.	Cream Soup	5.76
184	[illegible]	Ice Tea	6.40
			Each
184	D07.	Berry	$1.28
184	D08.	Sugar	.64
		KNIVES—PLATED	Each
184	D09.	Butter	$0.64
			Doz.
184	D10.	Butter Spreader	$6.40
		FORKS	Per Dozen
184	D11.	Dinner	$6.40
184	D12.	Dessert	6.40
184	D13.	Salad	6.40
184	D14.	Oyster	6.40
			Each
184	D15.	Cold Meat	$1.12
		KNIVES—STAINLESS	Per Dozen
184	D16.	Dinner H.H. Mirror Stainless	$17.28
		MISCELLANEOUS	Each
184	D17.	Gravy Ladle	$1.20
184	D18.	Pierced Pastry Server	1.76
		SETS	Per Set
184	D19.	26 pc. set in Winged Chest	$22.08
184	D20.	34 pc. set in Winged Chest	27.52
184	D21.	50 pc. set in Winged Chest (Service for 8)	35.52
184	D22.	50 pc. set in Winged Chest (Service for 12)	38.72

——CONTENTS——

26 PIECE

6 Teas
6 Dessert spoons
6 Dinner Forks
6 H.H. Dinner Knives, Mirror Stainless
1 Butter Knife
1 Sugar Spoon

34 PIECE

8 Teas
8 Dessert spoons
8 Dinner Forks
8 H.H. Dinner Knives, Mirror Stainless
1 Butter Knife
1 Sugar Spoon

50 PIECE—Service for eight:

8 Teas
8 Dessert Spoons
8 Dinner Forks
8 Salad Forks
8 H.H. Dinner Knives, Mirror Stainless
8 Butter Spreaders
1 Butter Knife
1 Sugar Spoon

50 PIECE—Service for twelve:

12 Teas
12 Dessert Spoons
12 Dinner Forks
12 H.H. Dinner Knives, Mirror Stainless
1 Butter Knife
1 Sugar Spoon

			Each
184	D23.	Tarnish proof Grey flannel Rolls to hold 12 pieces	$0.80
184	D24.	Shino Polishing Cloth	.60

Baseball Gloves

FIELDERS' GLOVES

Rogers Hornsby trademark model de luxe fielders' glove. Made of finest selected tan horsehide throughout with leather welted, diverted seams that prevent ripping and assure long wear. The pocket is easy to break and especially treated to give just the right feel of confidence. Deep hard to loosen padding as desired, raised web thumb and index gusset laced hide and leather wrist strap with buckle fastener. Made in regular and special large sizes as listed below.

Rogers Hornsby trademark model four finger style regular size fielders glove for left hand only.
294 H01. Each **$11.90**

Rogers Hornsby trademark model four finger style large size fielders' glove for right or left hand.
294 H02. Each **$11.90**

Eddie Collins Model. Made of the very finest selected Reach extra select horsehide, full grain leather facing. Hand formed and shaped padding, the trap lacing allows the adjustment of greater depth if desired. Leather welted diverted seams. Laced wrist. Reach leather lined. Wrist strap.
294 H03. Each **$11.90**

"Babe" Ruth Model. Made of fine selected oil treated cream horsehide with soft glove leather. Strongly reinforced edges. Leather welted seams. Diverted between fingers to prevent ripping. Laced at the wrist to permit change or adjustment of padding. Hand formed padding. Wide open web. Extra pocket. Lace between thumb and first finger.
294 H04. Each **$3.60**

Eric McNair Model. This is a full size professional model glove with the new horizontal web which permits quicker and snugger grip of the ball. Made of oiled horsehide leather with full leather lining. Hand formed padding. Leather welted seams. Leather laced wrist to allow change of padding. Laced between thumb and forefinger.
294 H05. Each **$7.00**

BASEMEN'S MITTS

Jimmie Foxx Model. A well designed and steadily built professional model mitt. The leather used in this mitt is the finest Reach oil treated horsehide. The oiling process guarantees permanent flexibility and longer wear. A fine grade of soft but tough glove leather is used for the facing. A hair blanket asbestos felt is inserted between this and specially padding attached to back. A full mitt with long glove style thumb forming a large pocket. The trap thumb lacing allows the player to make further adjustment of depth of pocket. Laced edge permits change of padding if desired. Padded laced wrist strap (Patent No. 1819048). No breaking in required.
294 H06. Each **$14.70**

Champion Model. A standard professional style web glove. Made of select treated horsehide. Cream leather facing. Professional panel back construction. Well padded. Strap-and-buckle at wrist. Trap thumb lacing. Built to stand up under punishment. Gives perfect satisfaction.
294 H07. Each **$7.20**

Basemen's Mitt. Made of oiled cream horsehide. Lined with glove leather. Leather laced edge. Trap thumb lacing. Correctly padded. Strap-and-buckle at wrist. A good serviceable mitt.
294 H08. Each **$5.60**

Wm. H. "Bill" Terry trademark model first basemen's mitt is especially designed for professional use and is worn by some of the leading major league first basemen. It is made of the finest quality selected dark tan color horsehide throughout with a specially oil treated palm. The leather lined leather laced edge permits rearrangement of the padding to suit the player. Panel back, adjustable leather loop thumb lace, leather wrist strap with buckle fastener. For right or left hand.
294 H09. Each **$12.60**

CATCHERS' GLOVES AND EQUIPMENT

Mickey Cochrane Catchers' Mitt. This real professional model mitt is well proportioned and perfect in balance. The outstanding feature of this mitt is the heavy accessory molded from a single piece of leather giving triple wearing parts and added protection against fast pitching. The mitt is made of carefully selected golden brown horsehide with the finest hand oiled. Other desirable features are the Reach Hold Fast back which needs only one adjustment, the shearling wool protector over the back of the hand and wrist; the popular "Professional" or trap style of lacing between thumb and face, allowing the formation of a pocket of any desired depth. A hand formed asbestos felt pad is fitted to each mitt. Rigid inspection insures perfection of every mitt.
294 H10. Each **$23.10**

CATCHERS' PROTECTOR
Heavy khaki canvas with kapok padding. Leather lined edge. Elastic shoulder straps, adjustable leather back straps.
294 H11. Each $9.10

CATCHERS' MASK
League. Spring steel wire. Open Vision model. Diamond shaped opening. Improved with Leather pads and adjustable elastic head straps.
294 H12. Each $4.90

SHIN GUARDS
Fibre shin pieces. Molded blue felt lined knee caps. Leather bottoms padded at back with felt. Adjustable straps.
294 H13. Pair $10.80

CATCHERS' GLOVE
Special Model. Made of selected golden tan horsehide with spot greased center. Semi-padded. Well padded. Double stitched seams. Leather lined. Strap and buckle wrist with felt padded extension under buckle to protect back of hand. Trap lacing at thumb.
294 H14. Each **$8.40**

IF THE ITEMS YOU ARE INTERESTED IN ARE NOT SHOWN, KINDLY WRITE!

Baseballs and Indoors

THE REACH OFFICIAL AMERICAN LEAGUE BALL

The Cushioned Cork Centre Ball

This center is made of live cork surrounded by black semi-vulcanized rubber over which is vulcanized another cover of red rubber, forming a core remarkable for its accuracy in proportions and for its action in preserving the ball's liveliness.

Another important feature is the high grade wool yarn, wound by specially constructed machines. All covers are of uniform thickness and are cut only from the highest grade alum tanned horsehide. The covers are cemented to the ball and double-stitched with the strongest four ply red thread.

Each ball conforms with official specifications making it Official for all games

293 H01. In Single Lots. Each ..... **$ 2.60**
293 H02. In Lots of a Dozen. Per Dozen **29.30**

WILSON OFFICIAL LEAGUE BASEBALL

The Wilson Official League (Patented) Cushion Cork Center Baseball is built exactly as the National and American Leagues specified the Official Major League baseball should be built according to their joint adoption of January 5, 1934.

It has been officially adopted by scores of important leagues throughout the country, including the Pacific Coast League and the American Association for exclusive play in all championship games and has made good 100% on every test and condition known to Major League Baseball.

Each ball is guaranteed perfect in balance, weight, circumference, resiliency and durability and is packed individually in a sealed carton.

293 H03. In Single Lots. Each ..... **$ 2.60**
293 H04. In Lots of a Dozen. Per Dozen **29.30**

"BABE" RUTH HOME RUN SPECIAL BASEBALL

This ball is made of excellent materials and will give unusually long service by retaining its shape and speed. Stitched with durable blue and orange thread. High quality horse-hide cover. Extra lively center construction. Regulation in both size and weight. Each ball bears the autographed signature of "Babe" Ruth.

293 H05. Each **$1.40**

REACH LEAGUE RUBBER CENTER

An exceptionally well made ball which is standard in both size and weight. Made with a rubber center, wound with good grade wool yarn. The genuine horse-hide cover is cemented to the ball and hand stitched with strong red and green thread. Will give good service.

293 H06. Each **$1.76**

REACH OFFICIAL SOFT BALLS

Endorsed by the President of the National Soft Ball Association of America, and adopted by this Association for official play. Kapok center, yarn wound. Cowhide cover; double stitched. Inseam style.

293 H07. 14-inch Circumference. Each **$2.80**
293 H08. 12-inch Circumference. Each **$2.46**

WILSON OFFICIAL INDOOR

16 inch Official Indoor Ball, used by many indoor leagues. Will retain shape and resiliency under hardest play. Made with finest pearl grain horse-hide cover, filled with fine quality curled hair. All seams double stitched

293 H09. Each **$3.16**

WILSON OFFICIAL SOFT BALL

Official Soft Ball. Built to official specifications, endorsed by the President of the National Soft Ball Association of America and adopted by this association for Official Play. Inseam. Center consists a compressed long fibre kapok yarn wrapped. Finest light pearl, horse hide cover. All seams double stitched.

293 H10. 14 inch. Each **$2.80**
293 H11. 12 inch. Each **2.46**

REACH DIAMOND BALLS

Official for the game of Diamond Ball. Approved as official by the Diamond Ball Association. Kapok center, yarn wound. Cowhide cover. Double stitched. 12-in. circumference.

293 H12. Each **$2.46**

Same as Above, but has a specially tanned white leather cover.

293 H13. Each **$2.60**

BASEBALL AND INDOOR BATS

WILSON FAMOUS PLAYER MODEL BASEBALL BATS

These bats are made of the finest selection second growth ash, specially selected for balance, strength and driving power. Special waterproof finish which resists cracking and peeling. Every care is used in the selection of the material and in their manufacture, but we do not guarantee bats against breakage. Bats can be supplied only in standard packing of assorted lengths and weights. Similar in shape and balance to bats used by the following players **Jimmy Foxx, Babe Ruth, Hazen Cuyler, Lou Gehrig, Travis Jackson, Pepper Martin, Joe Cronin, Rogers Hornsby and Paul Waner.**

293 H14. Each **$3.50**

WILSON INDOOR BATS

Wilson Official N.S.A. Soft Ball Bat, high grade ash, natural finish, taped handle, a strictly high grade model.
293 H15. Each **$2.50**

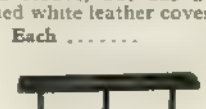
Wilson Official Playground Bat, selected ash, dark walnut finish, taped handle.
293 H16. Each **$1.76**

Wilson Playground Bat, selected hickory, medium brown finish, taped handle.
293 H17. Each **$0.90**

BASEBALL HOME PLATE

Extra quality white rubber With spikes.

293 H18. Each **$16.80**
293 H19. Indoor Home Plate. Each ..... **$ .70**



BASEBALL PITCHERS' BOX PLATE

Extra quality white rubber. With spikes.

293 H20. Each **$12.60**

Extra pitchers' box plate spikes.

293 H21. Each **$0.40**

INDOOR BASES

Indoor Base. Official. 10-ounce duck. Unstuffed.

293 H22. Set of 3. ..... **$4.50**

BASEBALL BASES

Association. Heavy canvas with leather strap loops. Stuffed

293 H23. Per Set **$10.50**

SEE

New York's Permanent Display of the finest wheel goods

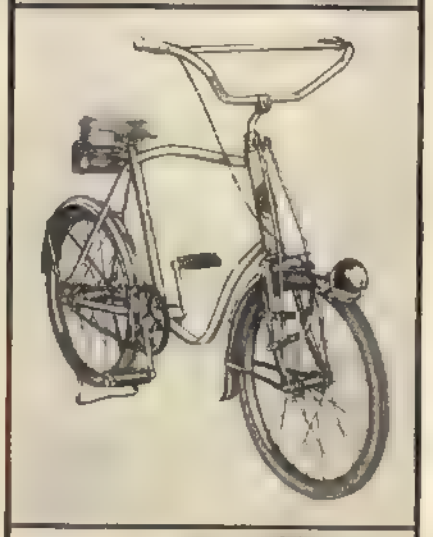
Distinctively Individual!

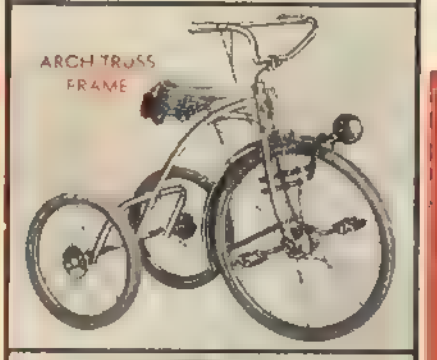
ROLLER SKATES *featuring*

- FLEXIBLE REINFORCEMENT
- GREAT BIG STEEL BALLS
- HEAVY DUTY WHEELS

BICYCLES, VELOCIPEDES *featuring*

- VICHROME ENAMEL FINISH OVER BONDERIZED BASE
- STAINLESS STEEL AND CHROME TRIM
- CUSTOM-BUILT MODELS





Rollfast

Made to Last

BICYCLES • ROLLER SKATES

PLAYCYCLES • VELOCIPEDES

D. P. HARRIS HDW. & MFG. COMPANY, Inc.

D. P. HARRIS BLDG., 99 CHAMBERS ST., NEW YORK, N. Y.

Chambers Street is an express stop on all subway and elevated lines. 8th Avenue subway stops at door. Others within one short block. 9 minutes from Times Square.

ARRANBEE

Success In The Quality Field

is attracting the attention of a steadily growing number of progressive doll buyers. We are keeping faith with those who have shown confidence in us in the past by offering for 1935 a most beautiful line of

Quality Dolls

At Popular Prices

• • • •

TOY FAIR DISPLAY

HOTEL
McALPIN

ROOMS 969-971

Or Our Conveniently Located Showrooms at

894 BROADWAY, NEW YORK

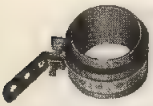
New Faces—New Figures
All Stunningly Costumed In The Prevailing Mode

ARRANBEE DOLL CO.

When writing to Arranbee Doll Company, will you please mention PLAYTHINGS?

HOSE CLAMPS.

FITZALL.



Is made from strong cold roll ribbon steel. The clamp ribbon has holes one-half inch apart along its middle portion.

After clamp is applied and the screw is tightened fully, should there remain any excessive stock, it may be easily removed by breaking it off at the score next above the nut, thus leaving a neat looking clamp

Each

No. A-144—Hose Clamps; adjustable from ¾ to 3 inch outside diameter hose..... $0.05

Put up 50 in a box.

AMERICAN.

Designed especially for Automobile Radiators. Used by Ford Motor Co., Willys-Overland Co., Buick Motor Co., Oakland Motor Car Co., and Chrysler Motor Car Co.

American indestructible hose clamps. Galvanized steel; easily applied and can be removed without distortion.

Hose Clamps.	Size.	Outside Diam.	Per 100
A-HCT⅜	⅜	⅝	$3.50
A-HCT½	½	¾	3.50
A-HCT⅝	⅝	1	3.50
A-HCT¾	¾	1⅛	3.50
A-HCT1	1	1⅜	4.00
A-HCT1¼	1¼	1⅞	4.50
A-HCT1½	1½	2⅜	4.75
A-HCT1¾	1¾	2⅝	4.75
A-HCT2	2	2⅞	4.75
A-HCT2¼	2¼	3¾	6.00
A-HCT2½	2½	3	7.00

FILLING STATION FAUCETS.

The long spout fits any radiator opening, even those under the hood and protects the hand from burns from hot steaming radiators.

Water is easily controlled from full stream to a mere trickle without a splash. Has a strainer at the discharge nozzle and also at the hose end preventing dirt from getting into faucet.

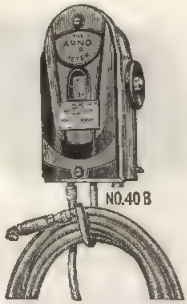
Made of bronze with accurate long wearing mechanism. Can be completely taken apart for cleaning or adjustment.

Each

No. A-110—Filling Station Faucet; for ¾-inch hose; weight 1 lb..... $1.70

AIR APPLIANCES.

ROMORT.



Illuminated dial easily read. The vibrating signal chuck tells you instantly when inflation is complete. Chuck provides an excellent handle and is small and convenient. You actually feel the signal. Operation very quiet, no external noise to disturb the neighbors. Meter is set by one movement of the hand. Calibrations set by most accurate method known. It can be instantly set to read with your own master or pocket gauge.

Measures air from 5 to 115 pounds. Height, 13 inches; width, 8 inches; depth, 5 inches; weight, 24 lbs.

Each

No. A-40SC—Air Meters; complete with signal chuck, but less hose..... $40.00

No. A-40B—Air Meters; complete with hose and chuck.. 45.00

RED TOWER METER.

Equipped with the same meter as No. A-40SC. The reel turns on oilless bearings powered by a large helical coil spring. It is gearless and requires no lubrication. It requires but little effort to pull out the hose and when released it will return smoothly and slowly perfectly controlled by the latest type of flyball governor.

The hose guide is made of malleable iron and is so constructed that hose and vibrating check can be locked up at night.

The removal of one cap screw will permit inspection or replacement of hose. Finished in red enamel and wired for electricity.

Height, 50 inches center to center of bolt holes 12x16⅜ inches. Built to be mounted on 18-inch high concrete block (not furnished). Weight packed 220 lbs.

Each

No. A-28—Air Meters; complete with 25 feet ¼ inch 2-braid hose..... $120 00

ROYALITE OVEN-CHINA • ROYAL-ROCHESTER

AND-DECORATED • GUARANTEED HEAT PROOF

RED POPPY DESIGN

CASSEROLE BAKING DISH

RR25848: 8 inch round Casserole for oven baking. Inset of hand decorated Royalite Oven China guaranteed to withstand the most intense oven heat without breaking. Ideal for baking puddings, beans, macaroni, stews and escalloped delicacies. Bake and serve in the same dish. The frame has handles, ball feet and is finished in gleaming chrome plate . . **$7.70**

ELECTRIC COFFEE PERCOLATOR

RR10847 7 cup capacity. Body of Royalite Oven China guaranteed heat-proof. Metal mountings finished in silver like Chrome Plate. Equipped with fuse-protected heating element and long detachable cord. Height 9½ inches. Fully guaranteed against heat breakage. Hard glazed surfaces is sanitary and easily cleaned. Enjoy the most delicious coffee made in china with no bitter metal taste . . . **$13.90**

ELECTRIC COFFEE SET

No. RR17054 **$38.90 Complete**

URN—No. RR11840 10 cup capacity. Height 14 inches. Body of Royalite Oven China guaranteed against breakage or heat. Metal mountings finished in non-tarnishing Chrome Plate. Equipped with non-drip faucet, fuse-protected heating element and long cord. Fully guaranteed **$26.40**

CREAMER and SUGAR—No. RR23840. Made of Royalite China. 5 inches high. The price per set . . **$5.10**

TRAY—No. RR22548: 18 inch oval. Finished in non-tarnishing Chrome Plate. Cut out handles. Satin finished center and highly polished rim **$7.40**

COVERED BAKING DISH AND CHOP PLATE

No. RR28675 **$7.70**

A beautiful dish with [illegible] The colorful hand-decorated inset can be used as a casserole for oven baking. It is guaranteed heat proof and will withstand the most intense oven heat without injury to the ware or decoration. The silver-like chromium plated cover keeps the food warm while serving vegetables. A pot can be [illegible] And the tray can be used with the dish or seperately. [illegible] tea, when used alone makes an ideal tray. Diameter of bread cover, [illegible] and the tray [illegible]

ELECTRIC WAFFLE SET

No. RR17452 [redacted] **Complete $38.30**

AFFLE IRON—No. RR12900: Chrome Plated. Inlaid top of Royalite China. Makes 7½ inch round waffles. Heat-indicator shows correct baking temperature. Expansion hinge assures waffles of even thickness. Cool handling side handles. Long cord. Fully guaranteed . . [redacted] **$14.80**

TTER BOWL—No. RR27030: Three pint capacity. 8 inches diameter. Made of the famous Royalite China . . **$5.10**

TTER LADLE—No. RR27470: Holds just enough batter to make one Waffle. Chrome Plated . **$5.10**

RUP PITCHER—No. RR27250: 1 pint capacity. Spring Cover. Non-drip, easy pouring spout . . **$4.70**

AY—No. RR22538: 18 inch oblong. Chrome Plated. Satin finished center and polished rim . . **$8.60**

ROYAL-ROCHESTER

« « « ELECTRIC COFFEE SETS » » »

RESEARCH Electric Percolator

No. RR10286: Makes 2 to 6 cups. Chromium Plated. Basket and stem are marked to show just how much coffee and water to use. Fuse-protected heating element. Height, 10¼ inches. Complete with cord . . . **$10.80**

TUSCAN Electric Urn Set
No. RR17152 $46.70

Electric Urn, No. RR11348: 8-cup capacity. Chrome Plated. Non-drip faucet Height, 13 inches **$24.90**

Creamer and Sugar, No. RR23340: Chrome Plated. Gold lined. 2½ inches high **$11.30**

Tray, No. RR22506: 16-inch oval. Cast metal handles. Chrome Plated. Satin-finished center and bottom **$10.50**

CORINTHIAN Electric Urn Set,
No. RR17154 $38.90

Electric Urn, No. RR11369: 9-cup capacity. Chrome Plated. Non drip faucet. Height, 14 inches **$21.00**

Creamer and Sugar, No. RR23350: Chrome Plated. Gold lined 3 inches high **$10.50**

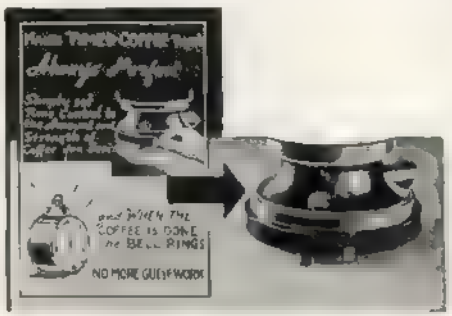
Tray, No. RR22548: 18-inch oval. Cut-out handles. Chrome Plated Satin-finished center and bottom **$7.40**

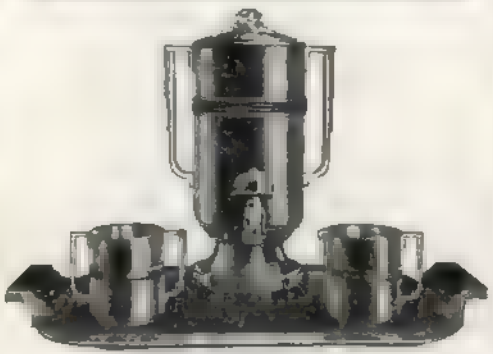
YOU DON'T HAVE TO GAMBLE WHEN YOU MAKE COFFEE IN THESE PERCOLATORS

The basket and stem are marked to show just how much coffee and water to use for the desired number of cups. Then set the AUTOMATIC TIME CONTROL, and when the coffee's done exactly as you like it, the bell rings. No guess-work. You can enjoy the same uniform quality and superior flavor always.

MAJESTIC Electric Percolator
With Automatic Time-Control

No. RR10497: Makes 2 to 7 cups. Chromium plated with beautiful Black Inlay. Fuse-protected heating element. Height, 11¾ inches. Complete with cord . . . **$17.10**





COMMODORE Urn Set
With Automatic Time-Control
No. RR17161 $31.20

Electric Urn, No. RR11368: 9 cup capacity. Marked basket and stem shows correct amounts of coffee and water to use. Time Control TELLS you when the coffee is done Height, 12 ¾ inches **$20 20**

Creamer and Sugar, No. RR23380: Chromium plated 3½ inches high **$5.50**

Tray, No. RR22586: 16 inches long Black center with polished chromium rim. Black handles of modern design **$5 50**

AVALON Electric Percolator

No. RR10347: 7 cup capacity Beautiful new design. Finished in lustrous chromium plate. Cool ebonized wood handle. Fuse-protected heating element. Height, 11 inches. Complete with long cord **$12.40**

TUSCAN Electric Percolator

No. RR10348: 8-cup capacity. Beautiful embossed design. Gleaming chromium finish. Cool ebonized handle. Fuse-protected heating element. Long cord Height, 11 inches. **$15.5**

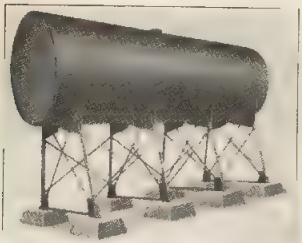
ORIENTAL Electric Urn Set
No. RR17159 $23.30

Electric Urn, No. RR11309: 9-cup capac Chrome Plated. Non-drip faucet. Height, 13 inches

Creamer and Sugar, No. RR23300: Chro Plated. 3½ inches high

Tray, No. RR22216: 16 inch ova. Chro Plated. Rim is decorated to match the Ur

BULK STORAGE STATION TANKS



BIRTANK

Mechanically arc welded by special process—no rivets and no "rivet welds."

Guaranteed—high quality built right into them from the beginning, using only best materials with correct and economical design.

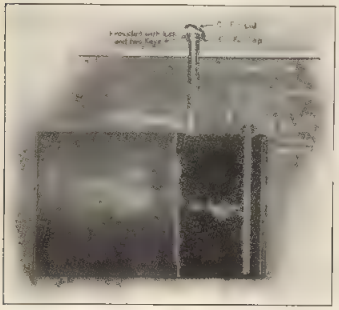
Can be divided into compartments either single or double bulkhead construction and as many compartments as desired. Each compartment is equipped with 18-inch standard bolted manhead and necessary flanges for pipe connections.

Write Us For Specifications, Prices, Etc.

STEEL SUPPORTS FOR ABOVE TANKS

Correctly designed to carry maximum load with wide margin of safety, and to resist excessive wind pressure. Structural steel sections riveted up complete, ready to be installed as received. Cross bracing shipped loose and bolted up in the field.

Write Us For Specifications, Prices, Etc.



UNDERGROUND STORAGE TANKS

BIRTANK

Mechanically arc welded by special process—no rivets and no "rivet welds."

Guaranteed—high quality built right into them from the beginning using only best materials with correct and economical design.

Furnished with or without fittings. Constructed in compliance with requirements of Underwriters' Laboratories.

Supplied galvanized or black.

Write Us For Specifications, Prices, Etc.

PORTABLE SKID TANKS

BIRTANK

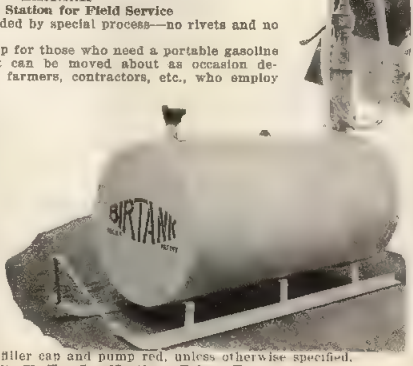
A Filling Station for Field Service

Mechanically arc welded by special process—no rivets and no "rivet welds."

A skid tank and pump for those who need a portable gasoline or kerosene supply that can be moved about as occasion demands. Widely used by farmers, contractors, etc., who employ tractors in the field.

A filling station that supplies kerosene or gasoline to tractors, or any type motor equipment that cannot conveniently be refueled by truck tank or filling station.

Tank is mounted on heavy steel skids and is equipped with pump, hose and nozzle, also two-inch fill pipe with hinged cap and lock, and vent-opening. Pump is enclosed and weatherproof—can be locked to prevent theft of fuel. Both tank and skids painted aluminum, and filler cap and pump red, unless otherwise specified.



Write Us For Specifications, Prices, Etc.

GASOLINE PUMPS

SS INTERLOCKING COMPUTING

Vento Principle

Enclosed, double face, computing type clock indicates price per gallon, gallons delivered and amount of sale—will not operate unless price adjustment is made correctly—has lockable cover, and when cover is locked in position, no change of adjustment or posted price can be made. Cover cannot be locked in position unless gears which control computing mechanism are properly engaged to compute at price shown on dial.

Motor cannot be started and new deliveries made recording clock dials be first set back to zero by means of clock set-back located at side of housing.

Equipped with 9½ feet of 1-inch Underwriters' guaranteed metal-lined, fabric-covered hose, an all-brass easy-throttling dual-valved Underwriters' approved nozzle and an Underwriters' approved vapor-proof motor with built-in switch, thermal controlled.

Each

No. 184—Base 22x20 in., height over all without globe 6 ft. 3½ in.; shipping weight each 500 lbs. *$230.00*

One in a crate

TIRE INFLATORS

SS TIREFLATOR

The Inflator That Rings The Bell

Simply set gauge in advance at pressure desired; then let air flow in. Bell keeps ringing until accurate, wanted pressure is reached—at the instant bell stops ringing, air stops flowing into tire—no danger of overloading tire and no need to deflate because of overloaded tires.

Equipped with 25 feet of highest quality air hose, operated by spring-motored rewinder so effective in design that speed is regulated automatically and back slap is avoided, preventing service interruptions. The 16-foot spring is sealed in an oil bath.

An ingenious hose-locking arrangement prevents theft of hose at night. Roller plate slides into housing when cover is brought up to locking position, yet does not mar appearance of equipment when lock is not in use. This sliding action also serves as a shock absorber when hose rewinds.

Each

No. 40—Height over all 87 in., width over all 14 in., depth over all 25 in.; shipping wt. each 285 lbs. *$138.00*

One in a crate.

Prices on this Page are Net.

An Instantaneous Hit with the Trade!

"DIZZY"-"DAFFY" DEAN
BASEBALL PLAYSUITS

Enthusiastically received by the trade. Dealers everywhere want to cash-in on the popularity of "Dizzy" and "Daffy". America's pitching stars will attract customers . . . make the boys permanent friends of your store

Suit consists of: SHIRT, PANTS, BELT, CAP. Shirt has "DIZZY" "DAFFY" stencilled on back, and special DEAN emblem on front Popularly priced. Sizes: 4-16. Individually packed in special DEAN box

READY FOR IMMEDIATE DELIVERY

Send in your order or sample request TO-DAY!

For Full Particulars, WRITE To—

SACKMAN BROTHERS COMPANY
Dept. P, 200 Fifth Avenue, New York, N. Y.

Get The Best at the Right Price

SEE CARPENTER'S NEW 1935 LINE
HOLIDAY TYINGS AND DECORATIONS

DAINTEWAVE and EVERBRITE
RIBBONS—CORDS—GARLANDS

In Tinsel, Rayon, Visca and Cellophane

ICICLES—FANCY PAPER—SNOW

Write for Samples and Prices and see for yourself the finest merchandise of its kind possible to make.

CARPENTER MFG. CO.
ESTABLISHED 1918

NORWICH, CONN.

Don't miss these

4 ☆ ☆ ☆ ☆ ITEMS

among the new numbers Wolverine is showing at the

TOY FAIR
Room 406
Fifth Avenue Building

WOLVERINE

SUPPLY & MFG. CO.

ROOM 406

200 FIFTH AVENUE, NEW YORK

•

Factory: **PITTSBURGH, PA.**

WRITE FOR ILLUSTRATED CATALOG 6A SHOWING ENTIRE WOLVERINE LINE

New Machines for Fast Play and Profit

"Hit Me," a master money maker. The famous Blackjack (21) card game. 5 reels spin. 2 cards visible. Draw to make a hand. 1 cent to 25 cent play. Size 13½x11x8 inches.

No. 19A147. Each..... **16.95**

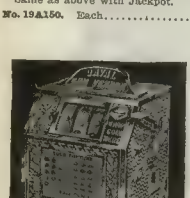
Same as above with Jackpot.

No. 19A150. Each..... **17.95**

The New Deal. A five reel poker machine with ball gum vendor. Multiple coin slot takes penny, nickel, dime or quarter. Last coin played always shows at side of machine. Can be quickly interchanged to a 3 reel cherry bell machine. Extra strips for changing furnished with each machine. Aluminum case highly decorated in colors. Size 13½x11x8 inches.

No. 19A132. Each..... **14.95**

No. 19A133. With Jackpot Attachment. Each. **15.95**



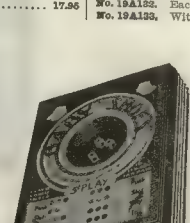
Daval Gum Vender. Plays pennies, nickels, dimes and quarters through the same slot. Newly designed, duro-silver finish aluminum case. Improved mechanism. Window at side shows last coin played. Clogproof coin chute. Permanent gum display. Can also be furnished in penny slot only or nickel slot only, upon request.

No. 19A117. Each..... **13.00**

Same machine as shown above, only with jackpot.

No. 19A118. Each..... **14.50**

Above machine can be obtained with coin divider allowing dealer access to one coin box to pay off winners. For this model add 3.25 to above prices.



Baby Shoes. A counter type dice machine that is absolutely new. When coin is played, dice are spun. No cheating possible. A tilting device jumps into center of playing field if machine is shaken by player. A register on the back door shows how many times the machine has been played while the double door allows the dealer access to the cash so that payouts can be made therefrom. All mechanical parts made of steel. Size of cabinet 9½ inches wide, 13¾ inches long, 3¾ inches high. Weight 8 lbs. Can be had in either 1 cent or 5 cent play.

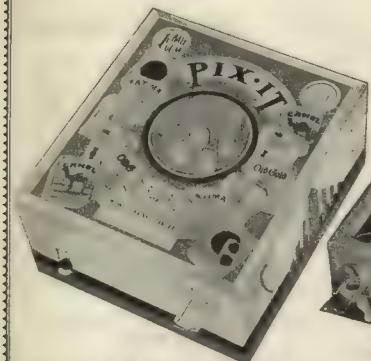
No. 19A5. 1 cent play. Each **15.00**

No. 19A6. 5 cent play. Each **15.00**

"Pair-It" doubles cigarette sales. Legal ball gum vendor. Visible coin window. Cheat-proof, joggle-proof. Multi-colored double dial playing field. Beautiful walnut finish cabinet. Multiple coin slot takes pennies, nickels, dimes and quarters. Cigarette awards only paid on 5 cent, 10 cent and 25 cent play—on penny play, awards are made in merchandise. Size 15x12x7 inches.

No. 19A152. Each..... **13.45**

The Year's Proven Profit Makers



Pix-It. The Novel Selector Vendor. With novel cigarette faces. Newest of all dice games. Instead of spots you see brands of cigarettes etched in color on every side. Electrically operated by dry cell batteries. On nickle play, two of player's selections pay 1 pack of cigarettes; 3's pay 2 packs; 4's pay 6 packs.

No. 19A154. Each..... 12.50

Bullet Pays Out Automatically. The only marble game of its kind. Player aims to get the ball into the cannon. When this is accomplished, the ball instantly zooms uphill and enters the 1000-hole. He repeats same play until two more balls fall into the 2000 and 3000 holes. He next shoots for the Bull's Eye. When this is done he gets his award. Real action and thrills here.

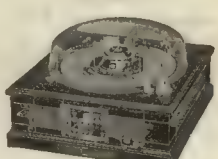
No. 19A155. Each..... 24.95

New Era Vendor. When player inserts coin and presses lever, dice bounce under concave glass top, and keep bouncing until player releases lever. Plays pennies and nickels and each coin is visible at side after the play. Equipped with new legal gum ball vendor. Comes with cigarette award system. Size 4¾x6 inches high, 13 inches long, 9 inches wide.

No. 19A148. Each..... 12.95

BALL GUM

No. 12A2. Per box. .16 Per case 50 boxes 7.50



Saratoga Sweepstakes. A horse race game that is outstanding for beauty and performance. Equipped with 8 numbered horses on circular track. Multiple coin slot takes 1c, 5c, 10c or 25c coins. Last coin played always shows. Selector prevents cheating, as any attempt to change number of winner automatically locks arrow on "no pay" mark. Vends ball gum with every play, making machine legal. Pari-mutuel device indicates payoff of odds from 2 to 1 to 12 to 1. Winning odds also visible through rear peephole window. Cabinet size, 19x19x10¾ inches.

No. 19A9. Each..... 24.50

New, Snappy, Complete

DOLL ACCESSORIES

by

BRAITLING

SHOES
SOCKS
WIGS
} FOR DOLLS

Patent Applied For

New Styles—New Designs
To Fit ALL the Latest Dolls
and the Old Favorites, Too.

See them at
Room 320, Fifth Ave. Bldg.

FRED K. BRAITLING, Inc.
THEODORE W. BRAITLING, *Pres.*

SCHAVOIR *Rubber* TOYS

America's oldest rubber toy line, made in the largest and most modern factory specializing in rubber toys. Many new numbers now ready, with exclusive features and unequalled quality.

JACK and JILL. Be sure to see these and all the other new Schavoir specialties

Announcing
POPEYE
AND
KEWPIE
Rubber
DOLLS

See the Complete
SCHAVOIR LINE
At the Toy Fair
HOTEL McALPIN
ROOM 963

We have exclusive rights to reproduce these famous characters in rubber. An outstanding Schavoir innovation at popular prices.

SCHAVOIR RUBBER COMPANY
SPRINGDALE—CONN.

One good turn deserves another—please mention PLAYTHINGS

A Window Devoted to Dy-Dee Babies

PATRICIA AN EFFANBEE FEATURE

The latest issue of the "Patsy Town News" published by Fleischaker & Baum, contains a complete account of the new Patricia prize contest featuring the newest addition to the famous Patsy Family. Patricia is really Patsy grown-up. The rules of the contest are exceedingly simple and can be easily observed by any child. It is not necessary to purchase any doll in order to enter the contest but of course the little girls who see the dolls will undoubtedly want them. A very effective display of Dy-Dee Babies was made by the Paramount Gift Shop on the Boardwalk in Atlantic City. The illustration shows how many things can be featured in connection with these lifelike little dolls. When the doll is sold it just starts the sales which keep on indefinitely.

MICKEY MOUSE IN TOY KRAFT STUDIOS

The Toy Kraft Company of Wooster, Ohio, reports that the wheels of their factory have been humming over the past few months with an exceptionally fine Easter business. Mickey Mouse makes his debut among Toy Kraft's Hand Painted Wooden Toys at the opening of the Toy Fair and will adorn several items. These numbers will be suitable for all year round selling and will be quite different from any other Mickey Mouse toy on the market. Toy Kraft's general line will also hold some new summer playthings including wheelbarrows and sand numbers. Samples of this attractive colorful wood toy line will be shown in their New York showroom, room 457, 200 Fifth Avenue.

BICYCLE SALES MOUNTING STEADILY

Bicycles have been breaking into the news quite a bit of late. And the news hasn't been restricted to pictures of pretty girls or Hollywood stars. The big news that most buyers have been interested in has had to do with the way bicycle sales have been climbing to new high records. Part of the increase in sales can be traced to the ready response of the youngsters, always interested in bicycles, but now more than ever fascinated by the latest streamlined models and bicycles fully equipped with such modern touches as automotive type speedometers, balloon tires, and other features that thrill the young imagination. One of the manufacturers giving their dealers some especially snappy models to attract the youngsters this season is the Shelby Cycle Company of Shelby, Ohio. Supplementing their already complete line, they have just introduced a couple of deluxe streamlined models. But the sales to youngsters account for only a part of the big increase in bicycle business dealers everywhere are reporting these days. Adults are taking to cycling with much the same enthusiasm they used to show back in the days before the automobile. The combined appeal of health and recreation has interested a very considerable group of adult riders. To these new bicycle customers among the adults light weight and precision workmanship in a bicycle are important for they want a bicycle that they can ride with minimum effort and maximum enjoyment. Dealers everywhere are finding it good business to go after the bicycle trade of adults as well as that of the youngsters in their communities.

KIRCHHOF FEATURES "NuKuZu" NOISEMAKER

Carl H. Dietze, Jr., of the Kirchhof Patent Company of Newark, N. J., announces an entirely new type Kazoo called "NuKuZu," a distinctive departure both in design and finish from anything heretofore placed on the market. This new item, which has been filed for registry with the code authority, will be displayed for the first time during the Toy Fair by Wm. H. Rich at the New York showrooms of this company, 1107 Broadway. The sand pail and shovel line of this concern which is noted for its attractive decorations will also be displayed, together with their complete line of noisemakers and novelties for all occasions. During a recent conversation with Mr. Dietze he stated that their sand pails and shovels as well as penny fliers and putty blowers were enjoying unusually heavy sales.

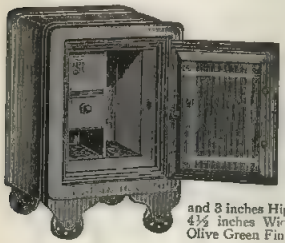
SAFES

SCHWAB

These Fireproof Safes are Strongly Built—Scientifically Designed to Give the Greatest Possible Protection Against Fire. Their Patented Locking Mechanism and Unusual Strength of Construction are a Rugged Barrier Against the Efforts of Thieves. Not Excessive in Weight.

Where Space is an Important Consideration, these Safes Afford an Ideal Solution. Actually Giving More Protection than Old-Style, Bulky Safes, these Steel Armored Safes Contain a Much Greater Proportion of Useful Storage Space.

The Name of Customer Will be Lettered on Top Bar of Safe Free of Charge



SINGLE OUTSIDE DOOR—MEDIUM WALL

For Home or Small Business

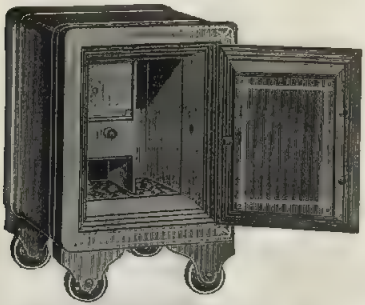
Furnished with Interior Cabinet as Illustrated. This Cabinet Consists of the Following Units: One Book Space, 3¼ inches Wide and 11¾ inches High; One Sub-Treasury, 4½ inches Wide and 6½ inches High; One Knob Drawer, 4½ inches Wide and 3 inches High; and One Pigeon Hole 4½ inches Wide and 2½ inches High. Olive Green Finish.

	Width, ins.	Height, ins.	Depth, ins.
Inside Dimensions	8⅝	11¾	9
Outside Dimensions, Body	14¼	17¾	14
Outside Dimensions, Over All (Including Handles, Casters and Hinges)	15¾	22	17

Each

✣**No. 10**—Weight Each, 190 lbs. **$90.00**

Wrapped in Burlap



SINGLE OUTSIDE DOOR—HEAVY WALL

Medium Size for Business

One Book Space, 4¾x15 inches; One Sub-Treasury, 4¾x5½ inches; One Knob Drawer, 4½x3 inches, and One Pigeon Hole, 4½x5½ inches. Olive Green Finish.

	Width, ins.	Height, ins.	Depth ins.
Inside Dimensions	10	16	11
Outside Dimensions, Body	18	23¾	19
Outside Dimensions, Over All (Including Handles, Casters and Hinges)	19½	29¼	22

Each

✣**No. 30**—Weight Each, 475 lbs. **$125.00**

Wrapped in Burlap

One Book Space, 8½x17⅝ inches; One Sub-Treasury, 4½x6 inches; One Lock Drawer, 4½x3 inches; One Pigeon Hole, 4½x3 inches; One Pigeon Hole, 4½x4½ inches.

	Width, ins.	Height, ins.	Depth, ins.
Inside Dimensions	13⅝	17⅝	13½
Outside Dimensions, Body	22½	27	22¾
Outside Dimensions, Over All (Including Handles, Casters and Hinges)	24	33¼	25¾

Each

✣**No. 39A**—Weight Each, 750 lbs **$132.00**

Wrapped in Burlap

SINGLE OUTSIDE AND INSIDE DOORS—HEAVY WALL

For Store and Office Use

Furnished with Interior Cabinet as Illustrated. This Cabinet Consists of the Following Units; One Book Space, 9⅝x19 inches; One Book Space, 9⅝x3 inches; One Sub-Treasury, 5⅝x8⅝ inches; One Lock Drawer, 5x4 inches. One Knob Drawer 5x4 inches; One Pigeon Hole, 5⅝x6¾ inches. Olive Green Finish.

	Width, ins.	Height, ins.	Depth, ins.
Inside Dimensions	15⅛	22⅛	14⅛
Outside Dimensions, Body	24¾	31½	24
Outside Dimensions, Over All (Including Handles, Casters and Hinges)	26¼	38½	27

Each

✣**No. 50**—Weight Each, 975 lbs. **$205.00**

Wrapped in Burlap

SINGLE OUTSIDE AND INSIDE DOORS—HEAVY WALL

For Store and Office Use

One Book Space, 11⅛x19¼ inches; One Book Space, 11⅛x7 inches; One Sub-Treasury, 5⅝x6⅝ inches; One Lock Drawer, 5x4 inches; One Knob Drawer, 5x4 inches; One Pigeon Hole, 5⅝x4 inches; One Book Space, 5⅝x6¼ inches. Olive Green Finish.

	Width, ins.	Height, ins.	Depth ins.
Inside Dimensions	18	28½	15½
Outside Dimensions, Body	28½	36	25
Outside Dimensions, Over All (Including Handles, Casters and Hinges)	28	43	28

Each

No. 60—Weight Each, 1150 lbs. **$250 00**

Wrapped in Burlap

MONEY DRAWERS

Oak Front, Varnished, Grained Corners; Improved Lock, 32 Changes; Diameter Change Bowls, 3⅝ inches; Size Bill Spaces, 2⅞ x 6¾ inches.

Per Dozen

No. 2—18 inches Wide; Depth 16½ inches; Height, 4¾ inches; Weight per Dozen, 144 lbs. **$104 00**

Twelfth Dozen in a Carton

NOTE—We Catalog Only the Most Popular Dealer Model Safes. We Can Furnish Safes of Any Size or for Any Purpose. If These Do Not Suit Your Requirements Advise Us Your Needs and Illustrations and Prices will be Furnished Promptly.

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., Lafayette, Ind.

Tubular Bicycles

Show Your Customers These Popular Bicycles and They Will Speak for Themselves

SIDEWALK BICYCLE FOR BOYS

Frame—Bicycle tubing. Height of frame 16 inches. Distance from saddle to pedals 20 to 24 inches. **Fork**—Special bicycle type truss fork with chromium plated truss rods. **Mud Guards**—Front and rear as shown. Red pressed glass reflector in rear guard. **Spotlight**—Electric, self contained, less battery. **Wheels**—20 inch tangent plated tangent spoke. Ball bearing hubs. **Tires**—1¾ inch cushion. **Crank Hanger**—Ball bearing. Nickel plated sprocket. **Handle Bar**—Chromium plated. Forward extension. Adjustable. Rubber grips. Nickel plated bell. **Saddle**—Double coil spring saddle with extra padded top and tool bag. **Pedals**—Ball bearing. Rubber. **Coaster Brake**—New departure coaster brake in rear wheel. **Finish**—Silk green enamel with white head and white striping.

326 H01. Each **$40.30**

PIONEER BICYCLE FOR BOYS
With Pneumatic Tires

Frame—Steel bicycle tubing. Height of frame 16 inches. Distance from saddle to pedals 20 to 24 inches. **Fork**—Special bicycle type truss fork with chromium plated truss rods. **Spotlight**—Electric, self contained, less battery. **Wheels**—20 inch rear, tangent spokes; front, tangent spokes. Ball bearing hubs. **Tires**—1¾ inch pneumatic. **Crank Hanger**—Three piece steel. Ball bearing. Nickel plated sprocket. **Handle Bar**—Chromium plated. Motorcycle type with cross bar and rubber grips. Oversize bicycle. **Saddle**—Double coil spring saddle with tool bag. **Pedals**—Ball bearing, rubber treads. **Coaster Brake**—New departure coaster brake in rear wheel. **Mudguards**—Drop side motorcycle type front and rear. **Finish**—Blue violet enamel with white head and white striping. Rims white, striped in Paradise green.

326 H02. Each **$43.90**

SKIPPY BICYCLE

The de luxe Skippy Bicycle, the finest example of modern design and construction in bicycles. This model also has the new outside handle bar and the pedals are square turning. Pneumatic tires, electric headlight, rear reflector, saddle bags, carrier to 9.

Frame—Tubular square tubing. Parking stand. Height of frame 15 inches. Distance from saddle to pedals 20 inches to 24 inches. **Fork**—Curved Duplex truss. **Handle Bar**—New style chromium plated with white fiber grips. **Saddle**—Ladies motorcycle type with nickel plated double coil springs. **Equipment**—As shown, with electric light, bicycle bell, tool bag, ball bearing pedals and ball bearing crank hanger. **Wheels**—20 inch ball bearing with rust-proof tangent spokes. **Tires**—1¾ inch pneumatic tires. **Finish**—Violet blue with white head and white striping. Blue saddle and tool bag.

326 H03. Each **$46.42**

Keep the Children Happy by Keeping Them Occupied With These Vehicles

PIONEER STEERING SLEDS

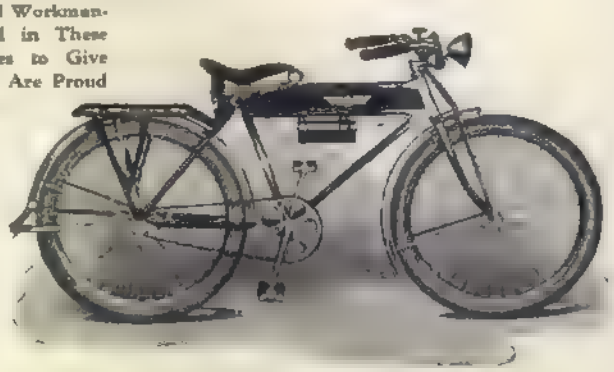
Tops—Well seasoned clear grained ash. **Undergear**—Two shaped runners of best crucible steel curved in front to give maximum length of running surface. **Knees**—Of heavy stamped steel. **Finish**—Top varnished natural with decorations in red and black. Undergear painted in bright red enamel.

No.	Length	Height	Width	Last Ea.
326 H04.	32 inches	6 inches	[illegible] inches	$2 44
326 H05	[illegible] inches	6 inches	12 inches	3 15
326 H06	[illegible] inches	6 inches	[illegible] inches	3 68
326 H07	45 inches	6 inches	[illegible] inches	4 38
326 H08	5[illegible] inches	6 inches	[illegible] inches	5 40

Above Items Shipped F.O.B. Ohio Factory

— Schwinn Dependable Bikes —

Quality and Careful Workmanship are Embodied in These Dependable Bicycles to Give You a Product We Are Proud to Offer



LADY'S MODEL WITH BALLOON TIRES

Frame—18 inches. **Tires**—2¼x2½ inch cord balloon. **Saddle**—Ladies' comfort. **Handlebars**—No. 5 chromium. **Pedals**—No. 9 Torrington. **Guards**—Chromium finish. **Rims**—Dee drop center, chromium finish. **Colors**—Black with red trim, red with white trim or blue with white trim. **Coaster Brake**—Optional.

326 H09. Complete as shown. Each **$62.00**

MOTORBIKE FULLY EQUIPPED WITH BALLOON TIRES

Frame—18x22 or 20x24 inches. **Tires**—26x2⅛ inch cord balloon. **Saddle**—No. 1 bucket. **Handlebars**—Chromium finish with brace. **Pedals**—No. 10 Torrington. **Guards**—Chromium finish. **Rims**—Deep drop center, chromium finish. **Colors**—Black with red trim, red with white trim or blue with white trim. **Coaster Brake**—Optional, equipment as illustrated.

326 H10. Complete as shown. Each **$66.00**

RACING-CRAFT SAIL BOAT KITS

60 in. Racing-Craft in Action

Build Models to Win Races

A FASCINATING HOBBY FOR MEN AND BOYS

Racing-Craft Sail Boat Kits introduce a new thrill into making and sailing model boats! They come to you made up in Kit Form. Everything you need to complete a racer of the speediest kind is included in your kit. As you choose your own colors paint is not included.

These boats have ACTUALLY WON races. That's what you want to know the kits are all designed with highest speed efficiency in mind. Sizes have all been selected to permit entry in National or International events—under Men's or Boys Rules.

In purchasing any of the many sizes offered it's more than assuring to KNOW that your first step is decidedly in YOUR favor.

To build boats that win races it is vitally necessary to understand the perfection of balance found in these fleet craft. To lead the winners you need to have just the right buoyancy—just the right weight—height and size are all correctly figured for you—and **Built into** the kits. By this method only the most pleasant job is left to you. All you need to do is carve, paint and rig your racer.

An old Seaman—wise in the ways of the waves, lends his masterful touch to every Racing-Craft boat. His ships are always winners—that is precisely what you want. The incredible speed and sailing qualities stamp these boats as unique and exclusive in the field. Depend on them for their utterly unmatchable performance in the water.

THRILLS GALORE IN MAKING AND SAILING THESE SAIL BOATS

STEP 1

First step—showing the hull being carved—on models from 15 inches up the hull is all pieced. Nothing to do but carve and shape.

STEP 2

Second step—is to sand the hull to a fine smoothness and then painting it a fine glossy white.

STEP 3

Final step—rigging the ship, just like sailors of the far off seas.

It's amazing the way these Midget Models clip away with sensational record breaking speed—they cut the water just like their bigger counterparts—majestically leading every race—be they captained by a man or boy!

Only THORNECRAFT makes this popular priced set-up!

The most amazing sea going qualities make your small investment a pride hard to equal—See them—Buy them—be a winner!

The only set-up Kit of its Kind!

Complete from hull to sail, and instructions that anybody will understand! Sizes and prices as follows:

		List, each
325 J01.	Complete kit to build a 15 in. model	$ 1.20
325 J02.	Complete kit to build a 22 in. model	3.00
325 J03.	Complete kit to build a 30 in. model	5.70
325 J04.	Complete kit to build a 36 in. model	9.00
325 J05.	Complete kit to build a 45 in. model	11.40
325 J06.	Complete kit to build a 60 in. model as shown above in left hand corner. Each	21.00

Our Special Kit to build a small model, just the set to "try out on"—inexpensive and furnishes lots of fun—hours of enjoyment—it's the introductory number to the larger models. Get your stock in now. Your customers will want them the minute they are displayed.

325 J07.	Sold in dozen lots only. Per doz.	$3.60

Prices Are Subject to Regular Catalog Discount

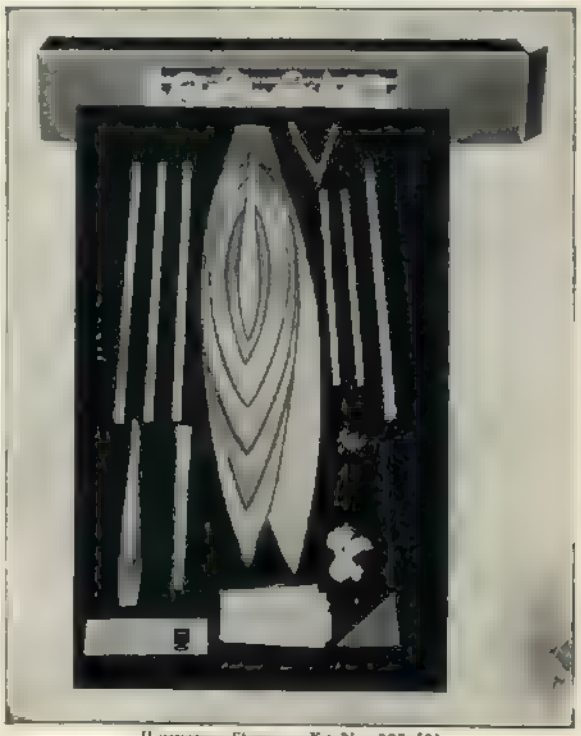
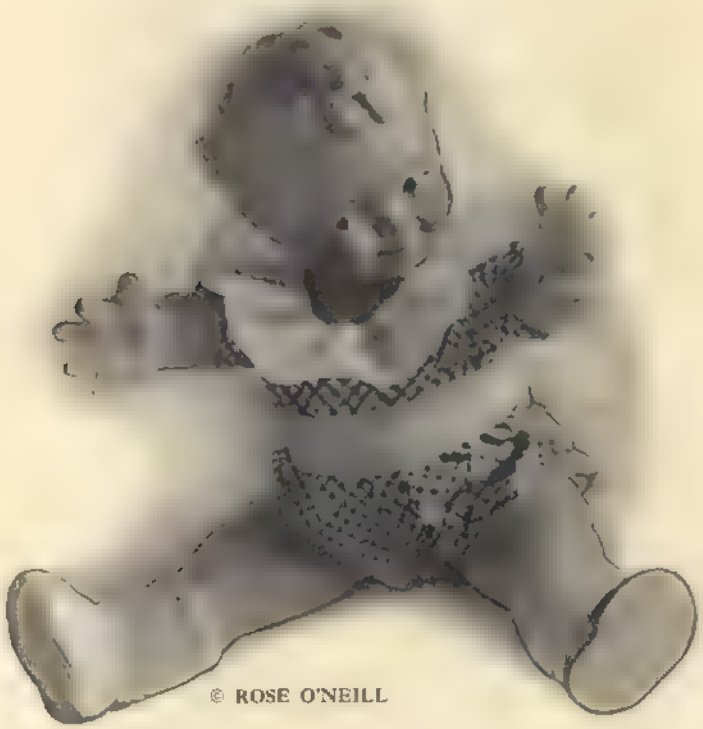


Illustration Shown is Kit No. 325 J01—Everything Needed to Build a Racing-Craft Sail Boat

"SCOOTLES"©

DOLL



© ROSE O'NEILL

Three
Popular Sizes
in Many Styles

"Never A Doll So Lovely"

I love my elves, the Kewpies, but I have always wanted to make a real human baby doll, too. The Cameo Doll Co. has reproduced my SCOOTLES with enchanting fidelity. The head moves in a way which I think is positively thrilling. My dreams have taken definite form in SCOOTLES and I am sure you will all fall in love with her.

Also Makers of
"PETE" "CAMEO TOYS"
"WOODTOYS" "JOY DOLLS"
"ADELE DOLLS"
Complete Line on Display at
HOTEL McALPIN
Rooms 410-412

CAMEO DOLL CO.

PORT ALLEGANY, PA.

Sole and Exclusive Licensees for Scootles Dolls in Wood, Pulp Composition and Combination Soft Dolls.

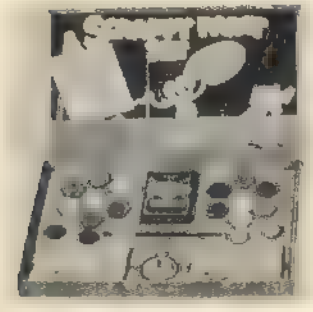
When writing to Cameo Doll Co. will you please mention PLAYTHINGS?

SCRAPPY

Set No. 1053—Retails for 50c

Hi folks! I'm Scrappy. You can paint the town red—and blue—and green—with these swell sets! And don't forget to see me in the movies! Millions do!

Write for samples and catalogues of complete price range to retail from 25c to $5.00.



Set No. 1026—Retails for 25c

SCRAPPY TOY SALES COMPANY
200 FIFTH AVENUE NEW YORK CITY
SUCCESSORS TO PETERSON MFG. CO.

The Value of a Stock Control Plan

(*Continued from page* 198)

monly found on counters, tables and wall shelves. The major point to be considered is that the bulk of the total volume of business transacted is done on small toys. The lines are so extensive that it is impossible to keep a unit control on floor samples. For example, if a salesperson should sell one or two samples of a specific item the reserve stock would be virtually at a stand-still for days. This is a common occurrence that leads to no end of trouble and lost sales. The same does not hold true for large toys as the removal of a sample would be noticed at once and the item would be replaced immediately.

It is to the store's advantage to have crisp, neat and fresh looking displays. Small toys on a counter are apt to look dirty, old and shabby if the practice of selling small toys from sample is employed. Demonstration toys always result in mark downs whereas, a continuous sale of the shown article keeps the counters fresh and neat looking at all times. The salespeople should be instructed to give the customers the item that is displayed or demonstrated replacing that item with another similar one from the stock kept under the counter.

In keeping a stock control on small toys the daily stock report sheets should be checked by the dealer or head of stock. Toys ranging in price from fifty-cents to five-dollars require the most attention. When checking the stocks, check the items in legs of five units. This may be done by using a loose leaf note book with an alphabetical index. For example, suppose a toy dealer purchased twenty-five pieces of a certain doll number from the I-Wanna-Doll Co. Then the control book should contain the name of the article and show the amount of merchandise counted off in legs of five. The dealer should trace the legs in red pencil in his daily stock check to show the amount sold and the remaining stock. Any additions that are made to the stock may be shown by making additional pencil strokes, or legs in the adjoining column. It is not necessary to have columns to show the amount of stock on hand at a particular date, or the date the item was reordered. Such information can be obtained by referring to the original order files and comparing them with the regular stock records.

The Control of Large Toys

The control of large toys is very simple. They can be controlled properly by the use of the old furniture control ticket with the price, style, season and number on the front, and the back marked off in blocks. This system is very effective especially where large quantities of

(*Continued on page* 202)

Headquarters for

DOLL SHOES AND STOCKINGS

Complete New Line For Retail Trade Now Ready

See the Largest, Most Up-To-Date Line of Its Kind. Special Numbers for Department Stores, Chain Stores and Mail Order Houses.

DOLL SHOES & SOCKS
Complete Range of Sizes and Styles to Fit Dolls of All Leading Makes.

LASTEX DOLL STOCKINGS
A sensational innovation — holds stockings up smoothly and firmly without a wrinkle.

We are ready to supply you with every conceivable item in Doll Accessories—Real Hair and Mohair Wigs—Knitwear—Bootees—Composition Parts for every size and style dolls—all Doll Hospital Supplies, etc.

PROGRESSIVE DOLL ACCESSORIES CORP.
30 EAST 10th STREET — Established Since 1915 Send for Catalogue and Samples — NEW YORK

The GIFT *and* ART BUYER

A monthly publication for the Buyer of Gifts and Decorative Accessories. Hundreds of new merchandise creations illustrated and described in each issue. Sales stimulating articles by authorities in every issue enable you to increase your profits.

Subscribe today, $3.00 for one year, $5.00 for two, and receive this helpful Annual Buyers' Directory.

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GEYER'S STATIONER
and TRADE DIRECTORIES

ANDREW GEYER, Inc.
260 FIFTH AVENUE — NEW YORK, N. Y.
(EST. 1877)

NEW!

AKRO-ONYX
AKRO-LUSTRE
TRANS-OPTIC

JUVENILE GLASS TEA SETS
also
FALL AND HOLIDAY
MARBLE PACKAGES

THE AKRO AGATE COMPANY
NEW YORK SHOWROOM 200 FIFTH AVENUE — FACTORY CLARKSBURG, W. VA.

ATLANTIC MAMA and BABY DOLLS

New Designs—New Costumes—New Everything

Permanent New York Showrooms
JERRY STRASS
Room 1037
1107 Broadway
New York City

On Display at
HOTEL McALPIN—ROOM 407
During the Toy Fair

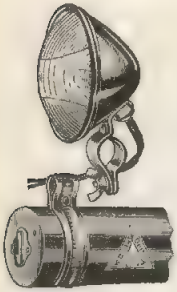
JERRY STRASS
STEPHEN KOMLO
in attendance during the Toy Fair

ATLANTIC TOY MFG. CO., Inc. 141 WOOSTER ST. NEW YORK CITY

3308 BICYCLE HEADLIGHTS.

CLIPPER.

ELECTRIC.



A new high power lamp suitable for either bicycle or motorcycle use. Works on one Standard No. 6, 1½ volt dry battery; chrome nickel plated head light with new style lense; brilliant aluminum lacquered battery case for single cell. Battery not included in price.

Each

No. S-150—Bicycle Headlights.....$1.80

BULBS.

FOR USE WITH NO. 6-1½ VOLT BATTERIES.

Each

No. S-125V—Extra Bulbs; for one battery.....$0.24
No. S-2-4V—Extra Bulbs; for two batteries..... .30

GUARDIAN.

Gives a clear white light to the front and side, is a self contained unit. Lamp and battery case in one, bracket for attaching to handle bar from ⅜ to ⅞ inches in size. Operates from one 1¼ inch flashlight battery and number 16 bulb, 1.25 volt of any standard make. High polished nickel finish.

Each

No. S-216—Bicycle Headlights; less battery.....$0.90

REFLECTORS.

Attach on tip of rear bicycle mud guard. Lenses are Bohemian bronzed ruby jewels and reflect an extremely powerful red danger signal; incased in aluminum.

Per Dozen

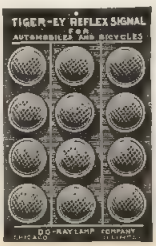
No. S-24—Bicycle Reflectors; 1½-inch diameter..$1.20

TIGER-EY.

A miniature lamp without the bulb. Genuine Tiger-ey lens, body Udylite plated, 12 mounted on three-color display board.

Per Dozen

No. S-1293—Bicycle Reflectors; 2⅛ inches in diameter...$3.20



BICYCLE BELLS.

PLAIN.

A low priced bell of unusual value. The gongs are made of wrought steel and the operating mechanism is equal to that used in some of the higher priced bells.

Per Dozen

No. S-22—Bicycle Bells; 2-inch; weight per dozen, 6 lbs..... .....$4.20

FANCY.

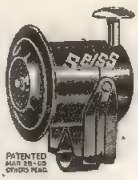
This bell has the same mechanism as the Leader Plain, with a gong of cast bell metal ornamented with eagle, scroll and lattice design in strong relief.

Per Dozen

No. S-LF—Bicycle Bells; 2⅛ inch; weight per dozen, 7 lbs.....$6.00

BICYCLE HORNS.

SEISS.



A miniature automobile horn. Every part interchangeable. Beautiful in design. Emits a loud sound at the slightest touch of the plunger.

Per Dozen

No. S-100—Bicycle Horns; for handle-bar attachment; size, 3x3 ins.; weight, 1 lb.; all black finish...$12.50

A double acting bicycle warning signal that will command attention with a loud auto tone signal, having no small springs, ratchets or pawls. Nickel plunger; finished in glossy black enamel, heat baked.

Per Dozen

No. S-B—Bicycle Horns..$19.20

SIRENS.

MAJESTIC STANDARD.

Double extension bracket. Is loud enough to be thoroughly practicable and has had fifteen years of steady popularity.

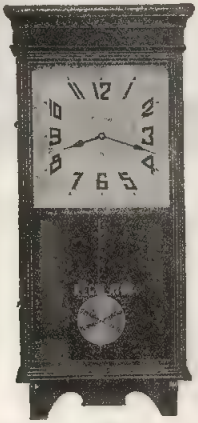
Each

No. S-130—Bicycle Sirens.....$1.30

SUITABLE FOR OFFICE, SCHOOL ROOM, WORK SHOP OR KITCHEN.

INGRAHAM.

	Each
No. C-Bristol Clocks—12-inch drop octagon; oak case; 8-day time movement; 12-inch dial; height, 25 inches; weight each, 14 lbs.	$12.60



	Each
No. C-2 Regulator Clocks; oak case; 8-day time movement; 12-inch dial; height, 38½ inches; width, 15½ inches; weight each, 27 lbs.	$19.40

8-DAY.

Modernistic in design, this truly fine wall clock harmonizes with the finest in home furnishings. Wood case finished in lustrous enamel, with contrasting mouldings in bright nickel. Has 5½-inch dial; front wind, 8-day lever spring driven movement. Size, 8½ inches square. Weight per case, 40 lbs.

	Each
No. 3021 Clocks; ivory enamel	$5.60
No. 3022—Clocks; red enamel	5.60

MODERN 8-DAY.

Size, 7 inches; dial, 5 inches. 2 piece case with chromium bezel; silver track ivory dial. Weight each, 2½ lbs.

	Each
No. C-2050—Clocks; green	$3.50
No. C-2051—Clocks; ivory	3.50
No. C-2052—Clocks; red	3.50

GILBERT.

Each

No. C-2075—Clocks; graceful tambour mantel clock in rich mahogany finish with panels; 6-inch metal dial with embossed numerals and ornamental hands; 8-day pendulum spring driven movement with hour and half-hour strike on Normandy two-tone chimes; height, 9½ inches; width across base, 21 inches; packed individually; approx. shipping weight, 11 lbs..... **$9.60**

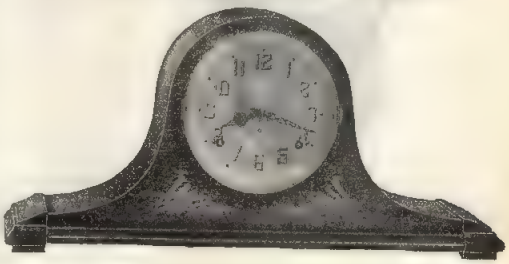
PLYMOUTH.

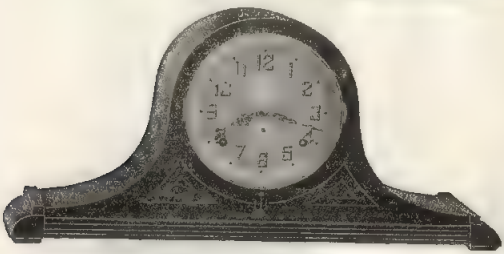
MANUFACTURED BY THE PLYMOUTH CLOCK DIVISION OF THE SETH THOMAS CLOCK COMPANY.

8-DAY CHORD STRIKE.

Each

No. C-5593 Clocks; raised bronze colored numerals; 5-inch metal dial outlined in black; clock is in genuine mahogany case; fitted with dependable 8-day pendulum movement; strikes hours and half-hours on double rods; height, 9¼ inches; width, 19⅝ inches; weight, 11 lbs.....**$10.50**





8-DAY CHORD STRIKE.

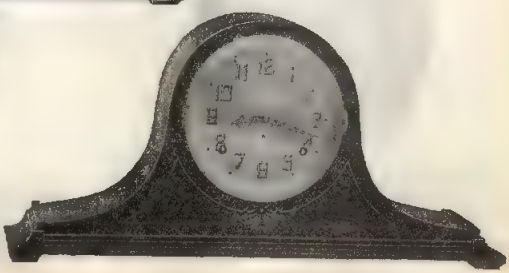
Each

No. C-5591—Clocks; balanced tambour design; genuine mahogany, conservatively decorated; fitted with 8-day pendulum movement; strikes hours and half-hours on double rods; 5-inch metal dial with raised bronze colored numerals; height, 9¼ inches; width, 19⅝ inches; weight, 11 lbs.....**$10.50**

8-DAY TWO-TONE STRIKE.

Each

No. C-5592—Clocks; Combines practical efficiency with maximum decorative value; case is genuine mahogany; 5-inch metal dial with raised bronze colored numerals; fitted with 8-day pendulum, quarter hour strike movement; height, 9¼ inches; width, 19⅝ inches; weight, 11 lbs.....**$11.30**



LONG RANGE FOCUSING

SHAPLEIGH'S TRADE MARK REGISTERED ESTABLISHED 1853 ST. LOUIS, U.S.A. IN THE U.S. PATENT OFFICE

FLASHLIGHT CASES

THIS TORCH-LIKE LIGHT

When the Lens and Head Are Removed.

Effective Shock Absorber.

The Service of Any Flashlight Case Depends on the Use of High Grade Batteries.

We Recommend SHAPLEIGH'S NOBLEIGH DIAMOND

ILLUSTRATIONS HALF SIZE

A New Line of High Grade Cases: Full Gauge Brass, Graceful Design; Heavily Nickeled; Superior Workmanship. Three Point Insulated Switch; Positive Shut-Off; Equipped with Burnished Silvered Reflector and Genuine Mazda Bulb.

	Each, Without Batteries
No. NX2—2-Cell Spotlight; 1⅞-inch Lens; Dimensions, 2⅛x0⅞ inches; Bulb No. 14, 2.5 Volts, Weight Each, 6 ozs	$0.85
No. NXB2—2-Cell "Big Spot" Light; 2¼-inch Lens; Dimensions, 2½x7 inches, Bulb No. 14, 2.5 Volts, Weight Each, 7 ozs	1.05
No. NXB3—3-Cell "Big Spot" Light; 2¼-inch Lens; Dimensions, 2½x8 inches, Bulb No. 13, 3.8 Volts, Weight Each, 8 ozs	1.35
No. NXX3—3-Cell Searchlight; 3⅛-inch Lens; Dimensions, 3⅜x9 inches Bulb No 13, 3.8 Volts Weight Each 9 ozs	1.65
No. NXX5—5-Cell Searchlight; 3⅛-inch Lens; Dimensions, 3⅜x14¼ inches, Bulb No 31, 6.2 Volts; Weight Each, 13 ozs	1.90
No. 5 SHAPLEIGH'S Flashlight Display, Consisting of One Each of the Above Flashlights, and a Neat, Attractive Panel for Displaying	6.90

FLASHLIGHT CASES

HEADLIGHTS

For Mechanics, Inspectors, Physicians, Radio Operators and Repairmen, Tourists, Motorists, Hunters, Fishermen, Milkmen, Deliverymen and All Others Who Require a Perfectly Safe Brilliant Light Which Leaves Both Hands Free.

JUSTRITE COMBINATION HEADLIGHT AND LANTERN

Long Range—Focusing

Throws a Powerful Light a Quarter of a Mile

Tilts To Desired Angle

Excellent for Motorists Electricians Plumbers

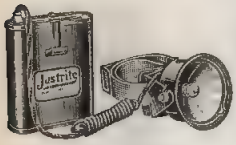
Excellent for Frog Hunters Coon Hunters Campers Cave Explorers

2, 4 or 6 Cell; Requires No. U Battery Units or Similar; Has 3-inch Convex Lens; Very Powerful; Unique in That it May be Worn on the Hat as a Headlight; or Used as a Hand Lantern; Removing the 45-inch Cord and Plugging the Reflector Head Into the Battery Case; Takes But a Moment; Burnished Silver Reflector, Quick Focusing; Head Set Weighs but 6 ozs; Battery Case Measures 4¼x6¼x1¾ inches; Tinned Wire Bail Serves Also as a Belt Clip; 2.5 Volt Mazda Bulb; Spare Bulb Included.

Each

No. 99—Justrite Combination Headlight and Lantern; Complete, Without Batteries; Weight, 1½ lbs..... **$4 20**
Packed One in a Carton; 12 in a Shipping Carton; Weight, 21 lbs.

No. 099LC—Justrite Headlight, Head Band and Cord, But Without Any Battery Case; Weight, 1 lb..... **3 50**
Loose

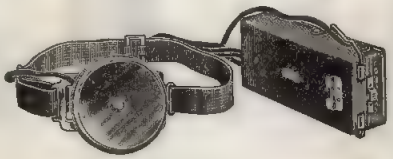


Each

No. 109—Justrite Headlight without the Lantern Feature Described Above; In All Other Respects, No 109, is Exactly the Same in Power and Service; the Non Shorting Switch is Indispensable in Wet Weather; Complete without Batteries; Weight, 1½ lbs..... **$3.30**
Packed One in a Carton; 12 in a Shipping Carton; Weight, 21 lbs.

WINCHESTER "TWIN SERVICE" FOCUSING

Extra Long Range; Tilting Searchlight Head and Convenient Hand Lantern



5-Cell; Requires 5 No. U Battery Units or Similar; Head Has 3-inch Beveled Plate Glass Lens; So Constructed That it May be Worn on the Hat as Headlight or Used as a Hand Lantern; an Extra Reflector, Frosted Finish; the Outfit Can be Changed to Non Focusing Type; Requires Mazda Bulb No. 31; Head Set Weighs 6 ozs.; Cord Measures 52 inches; Battery Case Measures 2¾x6½x1¼ inches; Nickel Trimmings Include Both Belt Clip and Wire Carrying Bail Attached to Battery Case.

Each

No. 79124—Weight, 1½ lbs **$5 85**
One in a Carton; 12 in a Shipping Carton; Weight, 21 lbs.

SHAPLEIGH'S OUTING KNIVES

New Construction; One-Piece Full Tang Steel Construction from Tip of Blade Along Outside of Handle with End Knob Securely Riveted to It! Center Portion of Steel in Handle Removed Giving Perfect Balance and Secure Fastening of Handle Material; All Blades are Hammer Forged from the Finest Grade Special Formula Crucible Chrome Steel; Full Mirror Finished, Hand Honed and Fine Craftsmanship.

Pearl Composition Handle with Horn Celluloid Backing, Non-Breakable; 4⅝-inch Heavy Clip Blade; Complete with a Leather Sheath.

Per Dozen

No. SO5—Weight per Dozen, 6 lbs. **$48.00**

Half Dozen in a Box

Full Leather Washer Handle; 4¾ inch Blade; a General Utility Outing Knife; Complete with a Leather Sheath.

Per Dozen

No. SO6—Weight per Dozen, 5 lbs. **$27.00**

Half Dozen in a Box

Pearl Composition Handle with Horn Celluloid Backing, Non-Breakable; 4¼-inch Stiletto Type Blade; Complete with a Leather Sheath.

Per Dozen

No. SO4—Weight per Dozen, 3 lbs. **$33.00**

Half Dozen in a Box

Pearl Composition Handle with Horn Celluloid Backing, Non-Breakable; 3½-inch Clip Blade; Complete with a Leather Sheath.

Per Dozen

No. SO3—Weight per Dozen, 3½ lbs. **$33.00**

Half Dozen in a Box

Assorted Colors Pearlite Handles, Non-Breakable; 3⅛-inch Clip Blade with Hilt; Complete with a Leather Sheath.

Per Dozen

No. S14—Weight per Dozen, 3½ lbs. **$30.00**

Half Dozen in a Box

FISHERMEN'S KNIVES

The Anglers' Delight

Lays Flat, Takes Little Room in Tackle Box

Blades are Hammer Forged from the Finest Grade Formula Crucible Chrome Steel; Full Mirror Finished and Hand Honed.

Full Scale Tang; Pearl Composition Non-Breakable Handle, Black Underlay; Length of Blade, 3⅛ inches; Width of Blade, ⅝ inch; Scaler Back; Double Edge Ripping Point, with Hilt; Length Over All, 7⅛ inches; Complete with a Leather Sheath.

Per Dozen

No. S16—Weight per Dozen, 2¼ lbs. **$16.00**

Half Dozen in a Box

All Blades are Hammer Forged from Finest Grade Formula Crucible Chrome Steel; Full Mirror Finished and Hand Honed.

Full Scale Tang; Pearl Composition Non-Breakable Handle with Black Underlay; 5-inch Clip Blade, with Hilt; Complete with a Leather Sheath.

Per Dozen

No. SO7—Weight per Dozen, 5 lbs. **$13.00**

Half Dozen in a Box

Full Scale Tang; Pearl Composition Non-Breakable Handle with Black Underlay; 4½-inch Clip Blade with Scaler Back, with Hilt; Complete with a Leather Sheath.

Per Dozen

No. S12—Weight per Dozen, 3 lbs. **$24.00**

Half Dozen in a Box

Full Scale Tang; Pearl Composition; Non-Breakable Handle, with Black Underlay; 4½-inch Plain Blade, with Hilt; Complete with a Leather Sheath.

Per Dozen

No. S13—Weight per Dozen, 3 lbs. **$22.40**

Half Dozen in a Box

Full Scale Tang; Pearl Compositon Handle, Non-Breakable, with Black Underlay; 3⅛-inch Blade; a Wonderful Utility Knife; Complete with a Leather Sheath.

Per Dozen

No. SO2—Weight per Dozen, 2½ lbs. **$16.00**

Half Dozen in a Box

Full Scale Tang; Bone Stag Handle; 3⅛-inch Blade; a Very Good Utility Knife for All Outdoor Purposes; Complete with a Leather Sheath.

Per Dozen

No. SO1 Weight per Dozen, 3 lbs. **$12.70**

Half Dozen in a Box

Molded Bakelite Handles, Attractive Mottled Colors; 4⅝-inch Heavy Clip Blade, with Long Steel Tang Firmly Set in Handle; Full Mirror Polished; Complete with a Leather Sheath.

Per Dozen

No. S10—Weight per Dozen, 5 lbs. **$17.40**

Half Dozen in a Box

Molded Black Bakelite Handles; 4⅝ inch Heavy Clip Blade with Long Steel Tang Firmly Set in Handle; Complete with a Leather Sheath.

Per Dozen

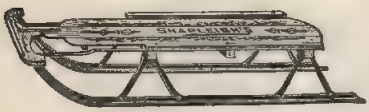
No. S11—Weight per Dozen, 5 lbs. **$20.00**

Half Dozen in Box

For Scouting, Motorists, Fishermen, Hunting and Premium Users

COASTER SLEDS

*SHAPLEIGH'S



With Steel Rave

Top, Clear Grained Well Seasoned Ash; Undergear Runners of Best Crucible Steel; T Shaped and Grooved; Curved in Front to Give Maximum Length of Steering Surface; Knees, Heavy Stamped Steel, Easy Steering; Finish, Undergear, Bright Red Enameled; Top, Varnished Natural, Decorated in Red and Black.

Nos.	Length, ins.	Width, ins.	Height, ins.	No. of Knees	Wt. per Doz., lbs.	Per Dozen
S33	33	12	6	4	84	$28.80
S36	36	12	6	4	92	36.00

Sixth Dozen in a Bundle

COASTER SLEDS

*SHAPLEIGH'S

With Steel Rave

Top, Clear Grained Well Seasoned Ash; Undergear, Runners of Best Crucible Steel; T Shaped and Grooved; Curved in Front to Give Maximum Length of Steering Surface; Knees, Heavy Stamped Steel; Easy Steering; Finish, Undergear Bright Red Enameled; Top, Varnished. Natural, Decorated in Red and Black.

Nos.	Length, ins.	Width, ins.	Height, ins.	No. of Knees	Wt. per Doz., lbs.	Per Dozen
S40	40	13¼	6	4	102	$42.00
S45	45	12¼	6	4	111	48.00

Sixth Dozen in a Bundle

Top, Clear Grained Well Seasoned Ash; Undergear, Runners of Best Crucible Steel; T Shaped and Grooved; Curved in Front to Give Maximum Length of Steering Surface.

Six Knees, Heavy Stamped Steel; Easy Steering; Finish, Undergear. Bright Red Enameled; Top, Varnished Natural; Decorated in Red and Black.

*SHAPLEIGH'S

With Steel Rave

Length, 52 inches; Width, 13¼ inches; Height, 6 inches.

Per Dozen

No. S50—Weight per Dozen, 123 lbs. $80.00

Sixth Dozen in a Bundle

SHAPLEIGH'S POINTERS

TOYS AND HOLIDAY GOODS

Catering as we do to thousands of wide-awake retailers throughout the United States, we have spared neither time nor expense in searching the markets of the world for articles that every dealer may safely stock with the assurance that his patrons, no matter how exacting, will find perfectly satisfactory.

Their appeal to childhood and youth is so great as to be irresistible to the fathers and mothers who are purchasing agents for Santa Claus.

Owing to their Seasonable Character, Toys are not included in this Catalog, but appear in a special Booklet issued early in the Fall.

We solicit your orders by mail and through our salesmen.

SKIS

Made of Best Selected Material, Thoroughly Kiln Dried, and Free from Knots and Blemishes; Covered with Several Coats of Best Waterproof Varnish. Each Ski Provided with Suction Tread Rubber Foot Rests and Best Quality Black Harness Leather Toe Snaps.

Patterned After the Latest Norwegian Models

Modeled on Practical, Proven Lines; Always Uniform Throughout and Will Never Lose Their Shape.

PINE

Best Quality Selected Stock Norway Pine; Natural Wood Finish with Several Coats Best Waterproof Varnish; Fancy Black Stripes; Single Groove Bottom.

Nos.	Length, feet	Weight per Pair, lbs.	Per Pair
P4	4	3½	$2.20
P5	5	4½	3.30
P6	6	5½	5.00
P6½	6½	6½	5.50
P7	7	7	6.00

One Pair in a Bundle

MAPLE

Best Quality Selected Maple; Mahogany Finish with Several Coats Best Waterproof Varnish; Fancy Grooved White Stripes; Single Groove Bottom.

Nos.	Length, feet	Weight per Pair, lbs.	Per Pair
M4	4	4½	$3.00
M5	5	5½	4.50
M6	6	6	6.50
M7	7	8	7.50
M7½	7½	10	11.00

One Pair in a Bundle

ASH

Very Best Quality Selected Ash, the Best that Can be Obtained on the Market; Finished in Brown with Fancy Grooved White Stripes; Single Groove Bottom.

Nos.	Length, feet	Weight per Pair, lbs.	Per Pair
A7	7	11½	$12.00
A7½	7½	13	13.50

One Pair in a Bundle

HOCKEY STICKS

COLLEGE

Made of Best Selected Quality Rock Elm, Thoroughly Air-Seasoned; High Natural Wood Finish; A Good Serviceable Stick for General Play; Assorted Handle Lengths; Length of Blade, 11½ inches; Depth of Blade, 2¼ inches; Width of Blade at Bottom, ⅜ to ½ inch; Tapering to ⅛ to ¼ inch at Top.

Per Dozen

No. 25—Weight per Dozen, 18 lbs. $16.80

One Dozen Sticks in a Bundle

EXPERT

Made of Best Rock Elm, Thoroughly Air-Seasoned; High Quality Natural Wood Finish; A Good Stick for Boys; Assorted Handle Lengths; Length of Blade, 11 inches; Depth of Blade, 2 inches; Width of Blade at Bottom, ⅜ to ½ inch; Tapering to ¼ to ⅛ inch on Top.

Per Dozen

No. 20—Weight per Dozen, 15 lbs. $13.50

One Dozen Sticks in a Bundle

JUNIOR

Made of Rock Elm, Thoroughly Air-Seasoned; Nicely Finished; Assorted Handle Lengths; Length of Blade, 9½ inches; Depth of Blade; 1¾ inches; Width of Blade at Bottom, ⅜ to ½ inch; Tapering to ¼ to ⅛ inch at Top.

Per Dozen

No. 15—Weight per Dozen, 12 lbs. $8.00

One Dozen Sticks in a Bundle

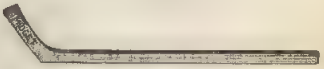
SCOUT

Made of Best Rock Elm, Thoroughly Air-Seasoned; Nicely Finished; Assorted Handle Lengths; Length of Blade, 9¾ inches; Depth of Blade, 1¾ inches; Width of Blade at Bottom, ½ inch; Tapering to ¼ inch at Top.

Per Dozen

No. 10—Weight per Dozen, 9 lbs. $6.00

One Dozen Sticks in a Bundle



MIDGET

Made of Rock Elm; Nicely Finished; Assorted Handle Lengths; Length of Blade, 8¼ inches; Depth of Blade, 1¾ inches; Width of Blade at Bottom, ⅜ inch; Tapering to ¼ inch at Top.

Per Dozen

No. 5—Weight per Dozen, 8 lbs. $4.50

One Dozen Sticks in a Bundle

SHINNY STICK

Made of Rock Elm; Nicely Finished; Assorted Handles; Length of Blade, 9 inches; Depth of Blade, 1 inch; Width of Blade, ⅝ inch at Bottom; Tapering to ½ inch at Top.

Per Dozen

No. 30—Weight per Dozen, 9 lbs. $2.70

One Dozen Sticks in a Bundle

STEEL COASTER WAGONS

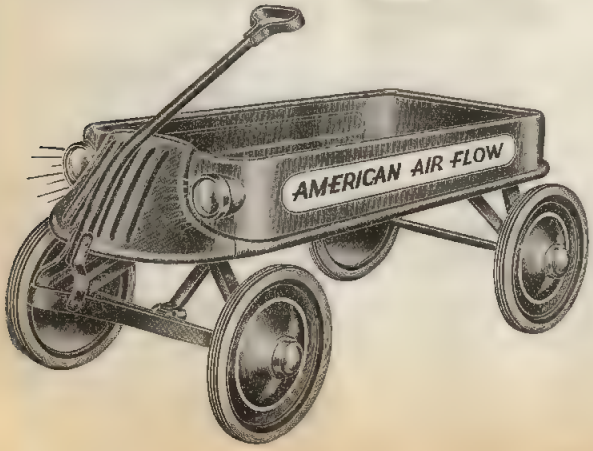
SHAPLEIGH'S *SPECIAL

Auto Spoke Wheels; Jumbo Tires; Front Bumper; Red Body; Red Wheels with White Stripes; Red Tongue; White Gear and Bumper; White Panel

Body—15¼x33¼ inches; Heavy Sheet Steel Reinforced with Beads, Large Roll on Top and Bottom, Heavy One Piece Bottom.
Gear—Channel Steel, Well Braced to Body.
Handle—Curved Tubing with Steel Loop Grip and Rubber Bumper.
Wheels—New **Auto-Spoke** Roller Bearing Wheels; Nickel Plated Hub Caps.
Tires—1¼ inch Rubber.
Finish—Red with White Panel; White Gear and Red Handle.

Each
No. S82, 34—Weight Each 35 lbs. **$8 50**

One in a Carton



AMERICAN AIR-FLOW

Body—37x15¼ inches; Heavy Sheet Steel Reinforced with Heavy Panel; Large Roll on Top and Bottom; Heavy One-Piece Bottom.

Gear—Channel Steel, Well Braced to Body.

Handle—Curved Tubing with Steel Loop Grip.

Wheels—9½x¾-inch R. T. Double Disc Type, Self-Retained Roller Bearings; Large Nickel Plated Hub Caps.

Finish—Red with Cream Panel, Black Gear and Handle.

Equipped with Two Electric Headlights, No. 14, 2.5 Volt Bulbs, and Glass Lens; (No Batteries Furnished).

Each Light Requires Two No. U or Other Standard Flashlight Battery Units.

Each
No. 66—Weight Each, 35 lbs. **$10 50**

One in a Carton

Same as Above, Except Without Lights

No. 64—Weight Each, 35 lbs. **9 00**

One in a Carton

SHAPLEIGH'S SUPER DIAMOND LINE

Made Only Of Selected Leathers and Material "QUALITY COUNTS" REGISTERED

CATCHER'S MITTS

Professional Scoop Model

Made of Genuine Selected Cowhide, Greased Palm; Hand Constructed and Moulded Pad with Deep Ball Pocket; Welted Finger Seams, Rolled Imitation Leather Binding; Leather Laced All Around; Strap and Buckle Wrist Fastener, Individually Packed. Per Dozen

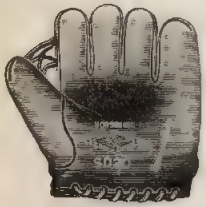
No. SD65—Weight per Dozen, 26 lbs. . **$60.00**

FIELDER'S GLOVES

Major League

Large Size Glove of Genuine Horsehide; Full Leather Lined; Special Greased Palm; Imitation Rolled Leather Binding, Reinforced Thumb Seam; Leather Laced Heel, Welted Finger Seams; Adjustable Thumb Web Strap and Button Wrist Fastener; Individually Packed. Per Dozen

No. SD35—Weight per Dozen, 14 lbs. . **$48.00**



Regulation

Regulation Size Fielder's Glove; Made of Genuine Horsehide, Full Leather Lined with Welted Finger Seams, Special Greased Palm; Imitation Rolled Leather Binding; Strap and Button Wrist Fastener; Individually Packed. Per Dozen

No. SD20—Weight per Dozen, 12½ lbs. **$29.00**

FIELDER'S GLOVES

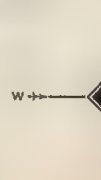
(Front View)

(Back View Showing "V" Back Construction)

Professional Fielder's Glove

Professional Glove Made of Genuine Selected Horsehide, Special Greased Palm "V" Back Adjustable Construction, Well Padded with Deep Ball Pocket, Full Leather Lined; Full Welt Diverted Finger Seams; Reinforced Thumb Seam, Genuine Rolled Leather Binding, Rawhide Laced Heel, Two Adjustable Thumb Webs, Strap and Buckle Wrist Fastener; Individually Packed. Per Dozen

No. SD45—Weight per Dozen, 16 lbs **$60.00**



Suitable for Any Diamond

BASEMEN'S MITTS

Professional

Made of Genuine Selected Cowhide, Panel Back; Imitation Rolled Leather Binding; Leather Laced Edge; Greased Palm; Reinforced Thumb Seam; Deep Ball Pocket; Tunnel Laced Web; Laced Wrist Fastener; Individually Packed. Per Dozen

No. SD55—Weight per Dozen, 16 lbs. **$50.00**

FIELDER'S GLOVES

Minor League

Glove Made of Genuine Horsehide Full Leather Lined, Special Greased Palm, Imitation Rolled Leather Bound, Welted Finger Seams, Leather Laced Heel, Strap and Button Wrist Fastener, Individually Packed. Per Dozen

No. SD25—Weight per Dozen, 13 lbs. **$36.00**

Youth's

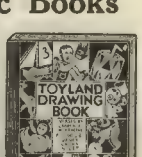
Large Size Youth's Glove; Made of Genuine Horsehide; Three-quarter Leather Lined; Welted Finger Seams; Imitation Rolled Leather Binding; Leather Laced Heel; Strap and Button Wrist Fastener; Individually Packed. Per Dozen

No. SD15—Weight per Dozen, 12 lbs. **$18.00**

Cut-Out Story and Comic Books

Airplane Paint Book. Printed by color process on fine paper. Book contains 16 pages, including cover, 8 colored pages and 8 printed pages for coloring. Pages contain such pictures as Sea Planes, Floating Airport, etc., a wonderful book for little ones to color.
No. 33N36. Per gross..... 3.60
Per dozen ..... .33

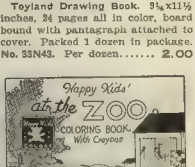
Aeroplanes and Airships. Story and Paint Book. Printed by color process on fine paper. Book contains 16 pages of planes and airships, all colored complete with stories. Size of book, 14¾x10 inches. Packed 1 dozen in package.
No. 33N37. Per gross..... 6.75
Per dozen ..... .60



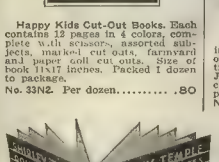
Toyland Drawing Book. 9¼x11½ inches, 24 pages all in color, board bound with pantagraph attached to cover. Packed 1 dozen in package.
No. 33N43. Per dozen..... 2.00

Happy Kids Cut-Out Books. Each contains 12 pages in 4 colors, complete with scissors, assorted subjects, marked cut outs, farmyard and paper doll cut outs. Size of book 11x17 inches. Packed 1 dozen to package.
No. 33N2. Per dozen..... .80

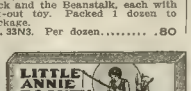
Happy Kids Story Book. 24 pages in 2 colors with 4 color cover. Size of book 11x11½ inches. Assorted titles, Mother Goose, A. B. C., and Jack and the Beanstalk, each with cut-out toy. Packed 1 dozen to package.
No. 33N3. Per dozen..... .80

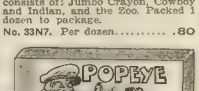


Happy Kids Coloring Book. 24 pages, 12 two color, 12 one color with a 4 color cover. Each book complete with crayons. Assortment consists of: Jumbo Crayon, Cowboy and Indian, and the Zoo. Packed 1 dozen to package.
No. 33N7. Per dozen..... .80



Shirley Temple Cut-out Book. 8 page book. 12⅝x10⅝ inches. Shirley Temple cut-out dolls, paper dresses and toys. All in beautiful lithographed colors. Packed 1 dozen in package.
No. 33N26. Per dozen..... .80





Comic Strip and Fiction Picture Book. Representing the well-known and liked character books that every child will want to have at home. Each book contains about 160 pages with illustrations and sayings. Size of book 7⅞x5⅜ inches.

No. 33N22. Annie Rooney.
Per dozen..... .80
No. 33N23. Katzenjammer Kids.
Per dozen..... .80
No. 33N24. Pop Eye.
Per dozen..... .80
No. 33N25. Just Kids.
Per dozen..... .80
No. 33N38. Polly and Her Pals.
Per dozen..... .80
No. 33N44. Krazy Kat.
Per dozen..... .80
No. 33N46. Tim Tyler.
Per dozen..... .80
No. 33N8. Tom Sawyer.
Per dozen..... .80
No. 33N10. Black Beauty.
Per dozen..... .80
No. 33N41. Dick Bradford.
Per dozen..... .80

Shirley Temple Story Book. The intimate authentic life and experience of this little girl. A book of 78 pages of stories and pictures. Size 4⅞x4½ inches. Packed 1 dozen in package.
No. 33N27. Per dozen..... .80

L P LOWER BOWL
U P UPPER BOWL
F S FLAT BOWL
D C P & D C C DRAINER
S O P & S O C SPRING ONLY
P P RUBBER PLUG
R P RUBBER RING
L C 9 UPPER BOWL
H P HANDLE
M C P COVER
P T PORCELAIN TOP
S P CLOTH STRAINER
L C 9 LOWER BOWL
R S ROUND BOWL
U S UPPER BOWL
P C T 9 STEP PLUG
P S T RUBBER PLUG
P C T 6 STRAIGHT PLUG
L S A ALCOHOL LAMP
R S T RUBBER RING
B C BAKELITE COLLAR
M C C COVER
H C 9 HANDLE
H K HANDLE
U K UPPER BOWL
L K LOWER BOWL
S H N HANDLE

GLASS WARE.

Silex Parts.	Standard Package	Factory List
E-RS2—Round Lower Bowl for alcohol	12	$1.10
E-RS4	12	1.25
E-RS6	12	1.45
E-RS8	12	1.45
E-LP4—Pyramid Lower Bowl for Newport, Lido	12	1.55
E-LP6	12	1.75
E-LP8	12	2.15
E-FS6—Flat Lower Bowl for Standard	12	1.70
E-LC9—New Lower Bowl for Standard 9-cup Commerical	12	1.80
E-LK6—Lower Bowl for Coronado	12	1.75
E-LC6—Lower Bowl for Cafex	12	1.40
E-US2—Upper Bowl for all 2-cup Commercial	12	1.60
E-US4—4-cup	12	1.90
E-US6—6-cup	12	2.35
E-US8—8-cup	12	2.35
E-UP4—Pyramid Upper Bowl for Newport, Lido	12	1.90
E-UP6	12	2.15
E-UP8	12	2.35
E-UC9—Upper Bowl for 9-cup Commercial	12	2.35
E-UK6—Upper Bowl for Coronado	12	2.15
E-UC6—Upper Bowl for Cafex	12	1.70

DRAINERS.

*E-DCC—Drainers complete with 3 strainer cloths (specify cup capacity) Standard or Commercial	12	.50
*E-DCP—Drainer complete for Newport, Lido, Coronado (specify cup capacity)	12	.40
*E-SOC—Spring only for DCC Drainer	12	.30
*E-SOP—Spring only for SOC Drainer	12	.30
E-PT—Porcelain Top for all models	12	.20

CLOTH STRAINERS.

E-SP3—Cloth Strainers, 3 in a box	12	.15
E-SP100—Cloth Strainers, 100 in a box	6	2.50

PLUGS AND RINGS.

*E-PST—Rubber Plugs for Standard Upper Bowl	12	.20
*E-PP—Rubber Plug for Pyramid Upper Bowl	12	.20
E-PCT6—Flange Plug for 6-cup Upper Bowl	12	.35
E-PCT9—Flange Plug for 9-cup Upper Bowl	12	.35
*E-RST—Rubber Rings for Standard Lower Bowls	12	.20
*E-RP—Rubber Rings for Pyramid Lower Bowls	12	.20
E-BC—Bakelite Collar (2 holders) for 9-cup	12	.40

HANDLES.

E-SHN—S-style Handle for Standard	12	2.50
E-HP2—Handle for Newport, Lido	3	2.00
E-NM—Handle for New Model (not shown)	3	2.50
E-HC9—Handle for 9-cup Glass Ware	12	2.00

METAL COVERS

*E-MC2C—Covers for all Commerical Models	12	.75
*E-MC2P—Covers for all Newport, Lido	12	.75
*E-MCC—Covers for Alcohol Models	12	.75

ALCOHOL LAMP PARTS.

E-LSA—Lamp complete	12	.70
E-ESA—Lamp Extinguishers	12	.20
E-PSA—Porcelain for Lamp	12	.10
E-WLA—Wicks for lamp (3 in package)	12	.15

*In ordering any item preceded by an asterisk it is necessary that in addition to part number, the cup capacity of the machine be given.

Silex makes coffee taste as good as it smells, all of the flavor, aroma and healthful coffee qualities are preserved when coffee is made the Silex way. The glass is guaranteed against heat breakage and imperfections, and is easily cleaned

ELECTRIC.

550 Watt Chrome Stove.

Eight cup size. Black molded handle, neck, collar and stove base, also black pedestal type, quick cooling electric stove.

Each

No. E-EC8—Coffee Makers; capacity, 8 cups; weight each, 3¼ lbs. $4.95

STANDARD ELECTRIC.

FOR COMMERCIAL USE.

This stove is equipped with a fast cooling spider element. Unnecessary to remove the glassware from the stove to quickly return the brew to the lower bowl.

Each

No. E-SE62—Coffee Makers; capacity, 6 cups; chrome plated; weight each, 4½ lbs.; 550 watt stove; suggested retail, $9.75. ..... $13.60

Uses US6 and FS6 bowls.

GAS.

For use on gas flame or oil stove. Popular priced model enjoying remarkable popular demand. Molded handle, neck collar and table mat in black.

Each

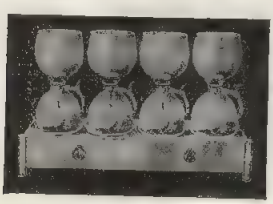
No. E-G8—Coffee Makers; capacity, 8 cups; weight each, 2¾ lbs. $2.95

MULTIPLE UNITS FOR COMMERCIAL USE.

Range bodies are genuine stainless steel, highly polished. Fittings are brass, heavily chromium plated. Necessity of removing glass from range is avoided with quick cooling units. This saves labor and avoids excessive handling. Heat resistant Pyrex brand glass is used exclusively in all models. Patented filter produces amber clear coffee. All electrical units are approved by the Underwriters' Laboratories. All commercial units are regularly equipped with 52-ounce glassware, or 9 to 11-cup capacity.

ELECTRIC.

FOUR-UNIT RANGES.

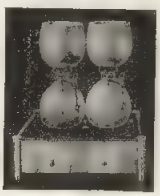


Each

No. E-BE1—Silex Coffee Makers; size, 27x7¼x4½ inches; equipped with four sets of glass, 50 extra filter cloths; range is stainless steel, unit reflectors are chrome plated; regularly equipped with 440 watt elements; 660 watt elements can be supplied on special order; electric switches provide high and low operating temperatures for making or keeping at proper serving temperature; operating capacity, approximately 225 to 300 cups per hour; supplied with quick cooling type of element . . $56.95

GAS.

TWO-UNIT RANGES.



Each

No. E-CG1—Silex Coffee Makers; size, 16x11x5¼ inches; equipped with two sets of glass, 50 extra filter cloths; range is stainless steel, unit reflectors are chrome plated; has two burners, concealed piping; grid bar on top of range will accommodate extra glassware which allows greater capacity for peak periods; capacity, approximately 150 cups per hour; supplied with Rutz automatic lighters. $33.95

TALISMAN PATTERN

Presented by The American Silver Co.

Typifying Charm and Magic in Tableware

Made in the Highest Grade of 12 oz. Sect. Plate. All Knives with Stainless Steel DeLuxe Finish on Blades.

		List
SPOONS		
185 D01. Tea	Per dozen	$ 5.50
185 D02. Dessert	Per dozen	11.00
185 D03. Table or Serving	Per dozen	11.00
185 D04. Soup, Round Bowl	Per dozen	11.00
185 D05. Bouillon	Per dozen	11.00
185 D06. 5 O'clock Tea or Ice Cream	Per dozen	5.50
185 D07. Ice Tea	Per dozen	9.68
185 D08. Demi Tasse	Per dozen	5.50
185 D09. Berry or Salad	Each	2.80
185 D10. Sugar	Each	1.10
FORKS		
D11. Dinner	Per dozen	$11.00
185 D12. Dessert or Luncheon	Per dozen	11.00
D13. Ind. Salad or Fish	Per dozen	11.44
185 D14. Oyster or Cocktail	Per dozen	9.68
185 D15. Entree, Long Handle	Per dozen	11.00
185 D16. Cold Meat or Salad, serving	Each	2.20
KNIVES		
185 D17. Dinner H. H. Stainless	Dozen	$29.26
D18. Dessert H. H. Stainless	Dozen	29.26
185 D19. Entree, H. H. Stainless Long Handle, Short Blade	Dozen	29.26
185 D20. Solid Handle, Stainless	Dozen	13.20
MISCELLANEOUS		
185 D21. Butter Spreader, Ind'v	Dozen	$11.44
D22. Butter Knife, Serving	Each	1.10
185 D23. Gravy or Sauce Ladle	Each	2.80
185 D24. Tomato Server	Each	2.80
D25. Pie or Cake Server, H. H. Stainless	Each	5.00
185 D26. Cheese Server, H. H.	Each	2.20
D27. Child Set (Spoon, Fork, Knife, H. H. Stainless)	Set	3.52
185 D28. Steak Carvers, 2 piece 6½" Stainless Blade	Set	9.46

26 PIECE SET

CONTENTS: 6 Knives, 6 Forks, 6 Teaspoons, 6 Tablespoons, 1 Butter Knife, 1 Sugar Shell

34 PIECE SET

CONTENTS: 8 Knives, 8 Forks, 8 Teaspoons, 8 Dessert Spoons, 1 Butter Knife, 1 Sugar Shell

185 D29.	26 pcs. with Hollow Handle Knives SS	$30.58
185 D30.	26 pcs. with Solid Handle Knives SS	22.44
185 D31.	34 pcs. with Hollow Handle Knives SS	40.04
185 D32.	34 pcs. with Solid Handle Knives SS	29.36

SILVER PLATED BEVERAGE SETS

THREE EXCEPTIONAL BEVERAGE SETS

These attractive styles were selected from among the lines of the leading manufacturers in the country. Very substantially made and beautifully finished, we offer these sets to those who desire the best.

Prices Subject to Wholesale Discounts. See Page 2.

This attractive beverage set has a [illegible] design, and is finished in a soft satin grey, which is in perfect contrast with the gold lined goblets and tray. The shaker is made of a special high quality Britannia metal. The goblets and tray are nickel silver. Substantially made and [illegible] silver plated, and is a splendid [illegible] excellent value

DS5664 Beverage Set, 8 pieces, as illustrated	$42.00
DS5665 Shaker, capacity 2 quarts, height 13 inches. Friction fit pull type cover with metal cork. Screw cap on spout	18.00
DS5666 Goblets, plain design, gold lined, height 5¾ inches	each 2.75
DS5667 Tray, oval shape, with handles. Length 19 inches, width 11½ inches.	12.00

An unusual beverage set for those who like something different. The popular Queen Anne fluted design was used in styling the goblets and shaker. The shaker has a removable strainer and without cover makes a distinctive water pitcher. Heavily silver plated on nickel silver, beautifully made, and finished in a soft satin grey, this set makes a very attractive gift

DS5668 Beverage Set, 8 pieces, as illustrated	$67.50
DS5669 Shaker, capacity 1¾ quarts [illegible] Friction fit pull type cover. [illegible] strainer	22.50
DS5670 Goblets, gold lined. Height 5 inches	each 3.75
DS5671 Tray [illegible] pattern. Length 19 inches, width 11½ inches	22.50

For a tall 3 quart shaker in the fluted design see DS5670 on the following page. The shaker and the goblets and the tray illustrated above also make a very desirable set.

For complete line of hollow ware pieces in the grape pattern, see pages 222 and 223.
For serving trays in the grape and other Old English designs, see pages 224 to 228.

This beautiful grape design beverage set is one of the finest we have illustrated. The [illegible] and raised grape border and a finely executed engraved center. It is heavily silver plated on copper and is a true reproduction [illegible] with Sheffield tray. The other pieces have a raised chased grape design which is very distinctive. They are heavily silver plated on a specially fine quality of Britannia metal. All designs are slightly oxidized which makes a very effective contrast with the highly polished bright finish. For other pieces in this pattern, see pages 222 and 223.

DS5672 Beverage Set, 9 pieces, as illustrated	$113.00
DS5673 Shaker with strainer, capacity 3 quarts, height 13½ inches. Friction fit pull type cover with metal cork. Can also be used for a water pitcher	38.00
DS5674 Goblets, gold lined, height 5 inches	each 4.50
DS5675 Ice Tub with removable drain, diameter 6 inches, height 3¾ inches	13.50
DS5676 Tray, footed, length including handles 26 inches, width 11½ inches	40.50

SILVER PLATED BEVERAGE ARTICLES

Fine beverage shakers selected for their attractiveness and value Substantially made, finely finished and guaranteed not to impair contents Heavily silver plated on nickel silver unless otherwise noted

Prices Subject to Wholesale Discounts. ***See Page 2.***

DS5677 Beverage Shaker $17.50
A fine 2 quart shaker. Plain design Square shape with rounded ends Grey finish Friction fit pull type cover with metal cork Screw cap on spout. Height 11 inches

DS5678 Beverage Shaker.. $8.20
A handy little shaker for mixing a few drinks. Capacity 1½ pints Friction fit pull type cover with metal cork Screw cap on spout Grey finish Height 9 inches

DS5678 Beverage Shaker $27.00
An exceptionally large shaker with a 3 quart capacity in the effective Queen Anne fluted design Beautiful bright finish Friction fit pull type cover with metal cork Screw cap on spout Height 16 inches

DS5680 Beverage Shaker $8.20
The popular hammered design in a fine shaker Capacity 1½ quarts Grey finish. Friction fit pull type cover with metal cork Screw cap on spout. Height 10¼ inches

DS5681 Wood Silver Beverage Shaker . $12.70
18 cm pegs embossed on body Attractively decorated Capacity 1½ quarts Height 10¼ inches Friction fit pull type cover with metal cork Screw cap in spout Silver plate on Britannia metal Grey finish Very popular

The French fluted design of this shaker was made it very popular and the large capacity of the shaker adds to its desirability. An exceedingly fine set.

DS5682 Beverage Shaker as illustrated $21.00
DS5683 Shaker Height 10 inches Capacity 3 quarts 14.00
Friction fit pull type cover with metal cork Screw cap on spout.
DS5684 Goblets, height 6¾ inches ..... each 2.70
DS5685 Ice Tub and Tongs with removable drain ..... set 12.00
Diameter of tub 6 inches, height 8 inches Length of tongs 9¾ inches
DS5686 Tray with cut out handles, length 23 inches, width 11 inches 18.00

SILVER PLATED BEVERAGE ARTICLES

DS5683 Beverage Shaker with Fruit Juicer **$13.50**
A very fine shaker in the popular hammered design Grey finish. The fruit juicer adds to its usefulness Patented apron top with pull type cork. Screw cap on spout. Capacity 1½ quarts. Height 11 inches.

Beverage shakers and sets that are very popular. Substantially made, guaranteed not to impair contents, and attractively priced; these articles represent excellent value. Heavily silver plated on nickel silver unless otherwise noted.

Prices Subject to Wholesale Discounts. See Page 2.

DS5688 Beverage Shaker **$8.20**
Plain design. Grey finish. Capacity 1½ quarts, height 10¼ inches. Friction fit pull type cover with metal cork. Screw cap on spout. Specially priced

An attractive fluted design in a fine beverage set that is very reasonably priced. The shaker and goblets are heavily silver plated on Britannia metal, the tray on nickel silver. Bright finish.

DS5685 Beverage Set, 8 pieces, as illustrated **$36.00**
DS5686 Shaker, capacity 1⅝ quarts, height 10½ inches. Friction fit pull type cover. Screw cap on spout **9.20**
DS5691 Goblet, gold lined, height 4⅜ inches ..... each **3.80**
DS5692 Tray, length 16¼ inches width 9⅝ inches ... **8.80**

A popular set in a plain design that represents an exceptional value. The shaker and goblets are heavily silver plated on Britannia metal; the tray on nickel silver. Bright finish

DS5693 Beverage Set, 8 pieces as illustrated **$25.00**
DS5694 Shaker, capacity 1½ quarts, height 10½ inches..... **8.00**
Friction fit pull type cover. Screw cap on spout
DS5695 Beaker, height 3¾ inches ..... each **1.50**
DS5696 Tray, length 10½ inches width 6⅝ inches..... **3.00**

The popular ribbed design in a fine set. Substantially made with a soft grey finish this set offers excellent value

DS5697 Beverage Set, 8 pieces, as illustrated **$34.50**
DS5698 Shaker, height 10 inches, capacity 1½ quarts **9.00**
Friction fit pull type cover with metal cork. Screw cap on spout
DS5699 Goblet, height 5⅝ inches, gold lined ..... each **3.00**
DS5700 Tray, length 14 inches width 10½ inches **7.50**

The practical hammered design is ever popular. This fine set is well made with a durable grey finish and is very attractive

DS5701 Beverage Set, 8 pieces, as illustrated **$37.00**
DS5702 Shaker height 10¾ inches, capacity 1⅝ quarts..... **11.20**
Patented apron top with friction pull type metal cork, screw cap in spout
DS5703 Goblet, height 6 inches, gold lined ..... each **2.80**
DS5704 Tray length 17 inches, width 13⅜ inches **10.80**

SILVER PLATED BEVERAGE SETS

Beverage Shakers and other articles that were selected for their utility and value. All are heavily silver plated on nickel silver unless otherwise noted. Substantially made and finely finished, they make very acceptable gifts.

Prices Subject to Wholesale Discounts. See Page 2.

A fine beverage set in a plain design. Well made of substantial gauge of nickel silver heavily silver plated. Grey finish. An exceptional value.

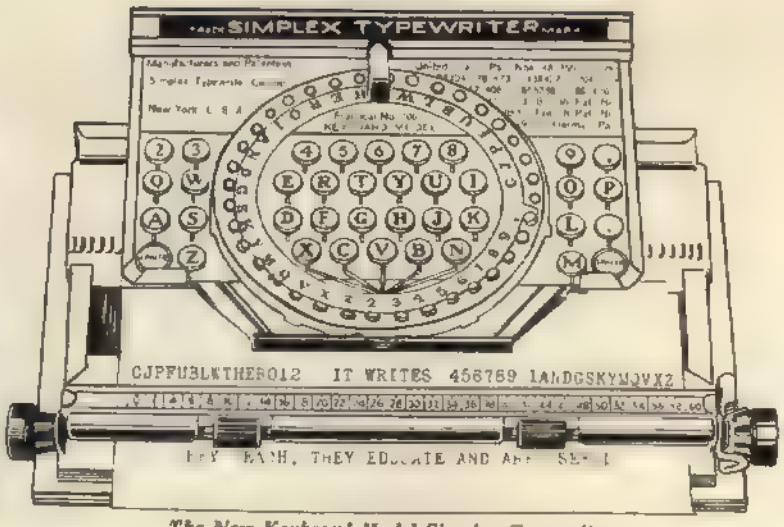
D85705 Beverage Set, 8 pieces, as illustrated **$33.00**
D85706 Shaker, capacity 2 quarts, height 12¾ inches **10.00**
Friction fit pull type cover. Screw cap on spout
D85707 Goblets, height 6 inches . . . . . each **2.10**
D85708 Tray with cut out handles. Size 18 x 12 inches **6.70**

D85709 Beverage Shaker, capacity 2 quarts **$18.00**
An exceedingly fine shaker that is different. Attractive applied gadroon border on base and top. Well proportioned. Silver plated on heavy nickel silver. Practical grey finish. Friction fit pull type cover with metal cork screw cap on spout. Height 11 inches.

D85710 Hard Rock Iced Tea Tray **$12.00**
A delightful serving tray that is very popular. Beautiful etched grape design on both its favorite motifs. Applied gadroon border. Heavily silver plated on copper with a fine grey finish. Diameter 13½ inches.

"LONG TOM" BEVERAGE SHAKER
D85711 **$7.50**
A practical shaker that can be used with one hand. Plain design. Bright finish. Capacity 1½ quarts. Height 14⅝ inches. Diameter 3¾ inches.

D85712 Ice Water Pitcher **$22.50**
An attractive gift item that can be used for many purposes in serving drinks and ice water at table. Effective fluted design with a beautiful bright finish. Swinging handle on top will keep ice and cork inside. Solid at pouring. Has ice lip guard and ice strainer. Heavily silver plated on copper. Diameter of base 6½ inches. Height including handle, 13⅛ inches.



The New Keyboard Model Simplex Typewriter

RITE MFG. CO. LINE AT BLOCKHOUSE, INC.

Block House, Inc., have been appointed exclusive sales representatives for Rite Manufacturing Company of Miami, Florida, manufacturers of "Mirco" Midget Models Wooden Blocks. This line has a distinctive feature which resides in the fact that they are cut to micrometer dimensions and are glued firmly in place. The makers claim that anything under the sun in the building line can be duplicated with these unique and interesting blocks. They are made from a native Florida wood—white and red gum, which produces a decidedly handsome contrast. The item is suitable for the jobber and department store buyer and comes in three popular priced sizes, all attractively packed. An elaborate display of models including cathedrals, bridges and bungalows are on display at the Block House showrooms, 1107 Broadway

NEW SPEED CLOCK OF ELKAY MFG. COMPANY

A new innovation in the wheel goods accessory line is the new speed clock—a speedometer which is geared to five times actual speed in order to provide play value. This item is easily attached to all size velocipedes and sidewalk cycles, and is sturdily made and exceedingly attractive in appearance. Youngsters can now enjoy all the thrills of a mile-a-minute speed while actually operating the vehicle at little more than a snail's pace. Lou Kassler, of the Elkay Manufacturing Co., is showing this item for the first time at his showroom, 1107 Broadway, New York. "Lou" is well known to toy buyers from Coast to Coast, and this thoroughly experienced toy man is very enthusiastic over the reception that has been accorded to this new item. Lou Kassler extends a cordial invitation to toy buyers to call at his showroom during the Toy Fair, where the item is being attractively demonstrated by means of mechanical display devices

NEW SIMPLEX TYPEWRITER INTRODUCED

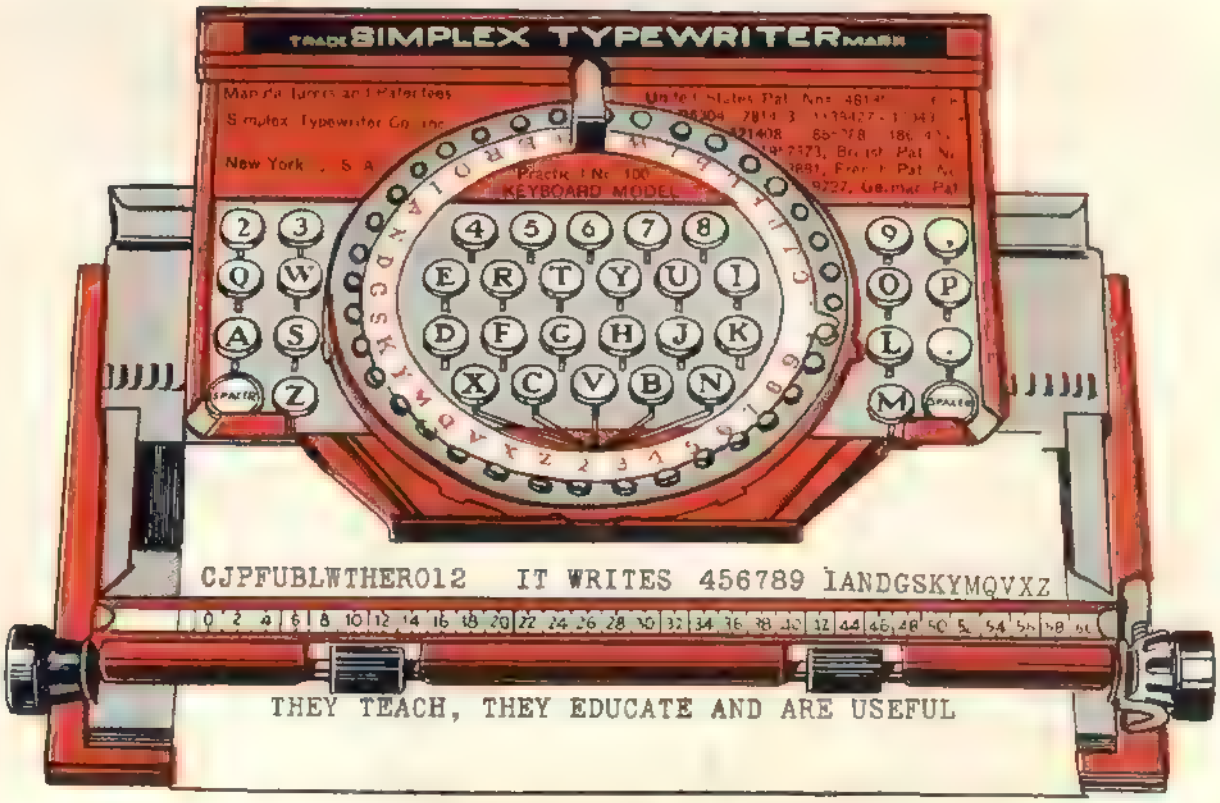
The Simplex Typewriter Co., pioneer manufacturers of toy typewriters, have recently announced their new Keyboard Model Simplex Typewriter. The keyboard has action and movement, giving a fascinating effect which appeals to the youngster. Its educational value is unquestioned and the arrangement of the keyboard is standard so the child will be familiar with the position of each letter for later use. The operation is simple and anyone can work the single direct action in a few moments. There is a key for each letter and every typewriter is guaranteed to write. The new Simplex Keyboard model is made in four popular sizes to retail from $1.00 to $3.75. The leading jobbers throughout the country handle the complete Simplex line. It is interesting to note that the Simplex concern was founded way back in 1890, and that one of its original founders, S. A. Thompson, is as actively on the job today as he was 45 years ago. Mr. Thompson is justly proud of the record his company has established for making continuous improvements in Simplex Typewriters during the many years they have been on the market. He says that one of the main reasons for the enviable record of perfect satisfaction which this line has built up is due to the fact that their entire manufacturing organization is kept on the job throughout the year, enabling them to retain their experienced workers for service when they are most needed.

NEW AUTOMATIC GAMES MADE BY RIPPON

A series of new automatic games is included in the 1935 line of The Rippon Co. The Magic Fishing Game, The Wild Animal Hunt, and Peter Rabbit's Bunny Hunt employ a unique action principle that leads to fast and furious fun. In the Magic Fishing Game the player spins a knob which makes a wheel revolve rapidly. When a plunger is pulled a wooden figure of a fish pops out from one of a number of compartments in the wheel. The fish are numbered for scoring purposes. An educational feature of the game is that the story of each fish is told on the inside of the handsomely colored box. The same mystifying action principle is used in The Animal Hunt and Peter Rabbit's Bunny Hunt. These three games each retail for 50c. Another new automatic game in the Rippon line is called America on Parade, which is an interesting historical game. In addition to all the new items for 1935, the Rippon display in the Fifth Avenue Building includes their well known favorites such as several numbers of the Magic Blackboard

ROL-O-CLIME PLAY YARD EQUIPMENT

Rol-o-Clime is a new set of patented wooden outdoor play equipment introduced by Hawley Toys and Rol-o-Clime, South Shaftsbury, Vermont. It is being displayed by Edgar M. Clark in his showroom at 1107 Broadway, New York. Rol-o-Clime consists of a 44 inch semi-circular climber, a 44 inch ladder, and an eight foot plank. These parts are painted aluminum color throughout, except one side of the plank, which is oiled for sliding. By using the various pieces of equipment in different combinations and positions, Rol-o-Clime can be made into several distinct types of play-yard apparatus. For instance, the light portable climber set flat on the ground encourages and facilitates early motor activity in climbing. Turned over and used as a rocker it becomes to the child anything from a street car to an ocean liner, stimulating imaginative play. When the sturdy, eight foot plank is attached, Rol-o-Clime is a see-saw. The climber, plank and ladder can also be combined to make a thrilling slide for young children. The entire equipment retails for $15.00


SIMPLEX TYPEWRITER
KEYBOARD MODEL
CJPFUBLWTHERO12 IT WRITES 456789 IANDGSKYMQVXZ
THEY TEACH, THEY EDUCATE AND ARE USEFUL

The New KEYBOARD Model

Simplex Typewriter

The Result of 40 Years' Continuous Improvement of the ORIGINAL Toy Typewriter

We believe the New 1935 KEYBOARD Model SIMPLEX is the finest toy typewriter it is possible to make. More than 40 years practical experience in manufacturing satisfactory machines is back of it. It is good looking, it is durable, and it is made under the basic Simplex principle that has enabled us to guarantee every SIMPLEX TYPEWRITER to write.

QUICK FACTS

About the New Simplex

■

Key For Each Letter

■

Single Action—Positive, sure and nothing to get out of order

●

Four sizes, to retail from $1.00 to $3.75.

ORDER FROM YOUR JOBBER

SIMPLEX TYPEWRITER CO., Inc.

210 ELEVENTH AVE. NEW YORK

DURABLE TOYS PRESENTS

DURACOLOR FILMS

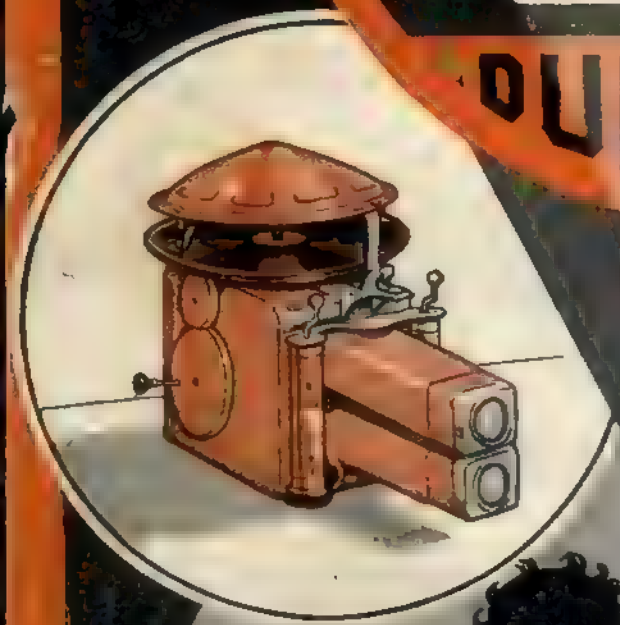
Starring Famous Characters in Animated Films

POP EYE	SCRAPPY
BETTY BOOP	TOM MIX
SMITTY	DICK TRACY
JOE PALOOKA	CLYDE BEATTY
ORPHAN ANNIE	MOON MULLINS

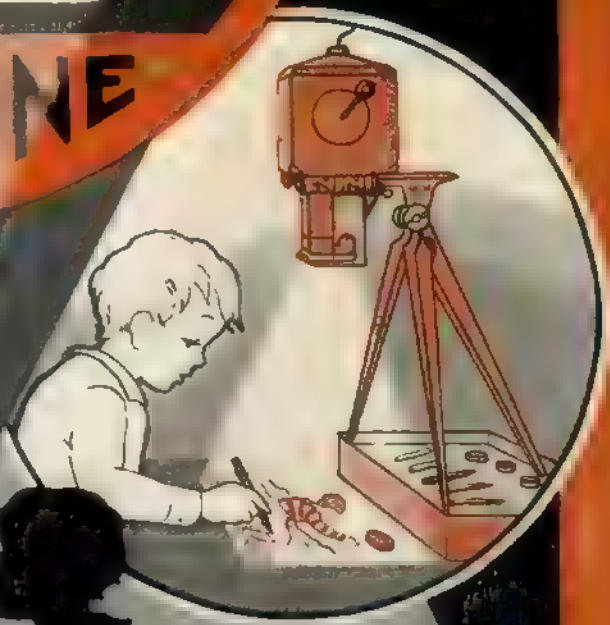
And Many Other Characters, Subjects and Nursery Rhymes

DUROTONE

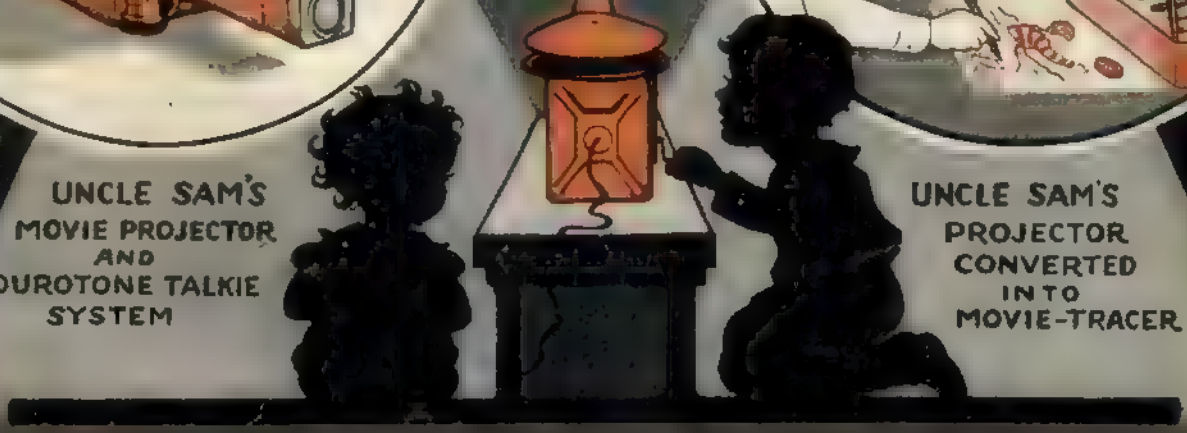
SOUND SYSTEM



UNCLE SAM'S MOVIE PROJECTOR AND DUROTONE TALKIE SYSTEM



UNCLE SAM'S PROJECTOR CONVERTED INTO MOVIE-TRACER



Visit Our New Showrooms. See Uncle Sam's Movie Miniature Theatre and Merchandising Displays Designed for Use in Your Store

UNCLE SAM'S REGISTER BANKS.
UNCLE SAM'S CASH REGISTERS.

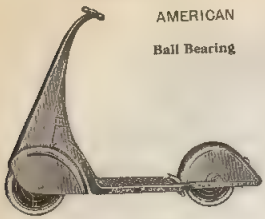
With Years of Sales Volume Behind Them and Years of Sales Value Ahead.

DURABLE TOY & NOVELTY CORP.

200 FIFTH AVENUE, NEW YORK — ROOM 404

Presenting a New and Unique Line of Games Creations that Are Startling! Innovations that Amuse! A Combination for Sure Sales. A Series Featuring Pop Eye

SCOOTERS



AMERICAN

Ball Bearing

SKIPPY RACER

Wheels — 10-inch Steel Disc, **Ball Bearing**; **1-inch** Rubber Tires.

Length Over All—43 inches. Height, 32 inches.

Footboard—Steel with Non-Skid Rubber Mat.

Fork and Frame — Steel, with Wooden Cross Handle; Steel Parking Stand, Wheel Housing and Foot Brake.

Finish — Frame, Fork and Footboard, Red; Fenders Red with White Trim; Wheels White with Red Centers.

Each

No. 4673—Weight Each, 23 lbs.....**$9 00**

One in a Carton

AMERICAN

Roller Bearing

Wheels — 10-inch, Spoke Type Disc, Roller Bearing; **1-inch** Rubber Tires.

Length Over All—37 inches; Height, 32½ inches.

Footboard—Wood, 12 inches Long.

Fork and Frame — Steel, with Wooden Cross Handle; Steel Parking Stand and Foot Brake.

Finish — Frame, Fork and Footboard, Red; Wheels, Cream with Red Stripe.

Each

No. 190—Weight per Carton, 27 lbs.....**$5 30**

Two in a Carton

SCOOTERS

AMERICAN

Plain Bearing

Wheels—8½-inch Steel Disc; **¾-inch** Rubber Tires.

Length Over All—32½ inches; Height, 30 inches.

Footboard—Wood, 13 inches Long.

Fork and Frame—Steel, with Wooden Cross Handle; Steel Parking Stand and Foot Brake.

Finish — Frame and Fork, Green; Wheels, Orange, with Single Green Stripe; Footboard, Orange; Cross Handle, Black.

Each

No. 188—Weight per Carton, 52 lbs.....**$2 90**

Six in a Carton

AMERICAN

Roller Bearing

Wheels—10-inch Steel Disc, Roller Bearing; **1-inch** Rubber Tires.

Length Over All—37 inches; Height, 32½ inches

Footboard—Wood, 12 inches Long.

Fork and Frame—Steel with Wooden Cross Handle; Steel Parking Stand and Foot Brake.

Finish—Frame and Fork, Cream; Footboard, Red; Wheels, Cream with Red Centers; Cross Handle, Black

Each

No. 189—Weight per Carton, 27 lbs.....**$4.50**

Two in a Carton

AMERICAN

Wheels—10-inch Steel Disc; **1-inch** Rubber Tires.

Length Over All—38 inches; Height, 32½ inches.

Footboard—Steel with Non-Skid Rubber Mat.

Fork and Frame—Steel, with Wooden Cross Handle; Steel Parking Stand and Foot Brake

Finish—Frame, Fork and Footboard, Tangerine; Wheels, Tangerine with Green Stripe; Cross Handle, Black.

Each

No. 192—Weight per Carton, 32 lbs.....**$5.60**

Two in a Carton

SCOOTERS

METALCRAFT

Roller Bearing

All Metal

Length—39 inches.

Height—31½ inches.

Wheels—10½-inch Roller Bearings; 1-inch Tread Tires.

Frame—Heavy One-Piece Pressed Steel Footboard, Equipped with Rubber Mat, Foot Brake, Parking Stand.

Finish—All Metal Parts, Baked Red Enameled; Wheels, Yellow Striped; Black Wood Cross Handle.

Each

No. 144—Weight per Carton, 44 lbs.....**$4.00**

Three in a Carton

METALCRAFT

Plain Bearing

All Metal

Length—34¼ inches.

Height—30½ inches.

Wheels—8 inches; ⅞-inch Tread Tires.

Frame—Heavy One-Piece Pressed Steel Footboard; Rubber Mat; Parking Stand.

Finish—All Metal Parts, Baked Red Enameled Wheels Red, Yellow Striped; Natural Varnished Wood Cross Handle.

Each

No. 158—Weight per Carton, 28 lbs.....**$2.50**

Three in a Carton

Scooters and Hand Cars

Scooter. 3¼-inch steel disc wheels. ¾-inch rubber tires. Length Overall — 32½ inches. Height, 30 inches. Footboard — Wood, 13 inches long. Fork and Frame—Steel with wooden cross handle. Steel parking stand and foot brake. Finish—Frame and fork green, wheels orange with single green stripe, foot board orange. Cross handle black. Packed—Each in carton.

No. 82N802. Each..... **1.35**

Scooter. 10-inch steel disc roller bearing wheels. 1-inch rubber tires. Length Overall—37 inches. Height, 32½ inches. Footboard—Wood, 12 inches long. Fork and Frame—Steel with wooden cross handle. Steel parking stand and foot brake. Finish—Frame and fork cream, footboard red, wheels cream with red centers and stripe. Cross handle black. Packed—Each in carton.

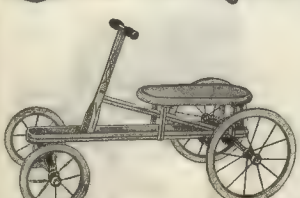
No. 82N804. Each..... **2.15**

Scooter, Fork and Frame—Steel with wooden cross handle. Steel parking stand and foot brake. Finish — Frame, fork and footboard tangerine, wheels tangerine with green centers and green stripe. Cross handle black. Wheels —10-inch steel disc roller bearing. 1-inch rubber tires. Length Overall—38 inches. Height 32½ inches. Footboard — Steel with non-skid rubber mat. Packed—Each in carton.

No. 82N806. Each..... **2.65**

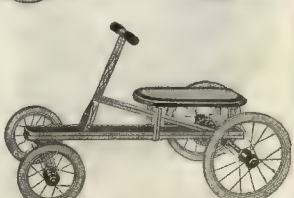
Skippy Racer. This Skippy Scooter is absolutely brand new in its design. Now, for the first time, modern streamlining makes a kid's scooter an object of outstanding beauty and style. Wheels — 10-inch steel disc, ball bearing. 1-inch rubber tires. Length Overall—43 inches. Height, 32 inches. Footboard—Steel with non-skid rubber mat. Fork and Frame—Steel, with wooden cross handle. Steel parking stand, wheel housing and foot brake. Finish—Frame, fork and footboard red, fenders red with white trim, wheels white with red centers. Packed—One in a carton.

No. 82N807. Each..... **3.90**



Traveler Hand Car. Frame — Steel, length, 36 inches overall. Cog driven. Seatboard 8x16 inches. Wheels—8-inch front and 12-inch rear. ¾-inch rubber tires. Finish—Cream with red trim and red wheels. Packed—Each in box.

No. 82N849. Each..... **5.85**



American Flyer Hand Car. Ball bearing wheels. 1-inch heavy duty tires. Frame—Steel, length 36 inches overall. Cog driven. Rubber grips. Seatboard 8x16 inches. Wheels—8-inch front, 12-inch rear. 1-inch rubber tires. Bicycle tangent spokes and ball bearing hubs. Finish—Sea green with red trim. Packed—One in crate, weight 32 lbs.

No. 82N850. Each..... **7.85**

KADETTE ELECTRIC RADIOS

Made and Guaranteed by International Radio Corp.

Operates On Alternating or Direct Current, 100 to 125 Volts, 50 or 60 Cycles

The Smallest and Lightest Radio

By far the smallest and mightiest radio today—about one-half the size of the ordinary compact—5¾ inches high, 7½ inches wide and 3¾ inches deep—weighs only 3¾ lbs.

The Chassis—is a compact three-tube radio with two full tuned circuits employing one 6C6 tube as radio frequency amplifier, one 6C6 as a detector and one 12A7 as combination rectifier and output tube—this tube has two elements which actually give the performance of four tubes. The new ambilectric circuit permits operation on alternating or direct current. Besides being one of the most sensitive radio sets ever offered, it is by far the simplest in construction—little or no service will ever be required. The tone quality is remarkable, due to the new balanced armature type speaker (no adjustments) reproducing full rounded tones in a most pleasing manner and the volume is all anyone could desire in a compact radio. Tunes entire broadcast band 550 to 1,600 kilocycles and will bring in stations from 50 to 100 miles in the daytime and a great number of stations at night.

The Cabinet—is the most beautiful compact design in the world—lifetime scratch-proof moulded bakelite and plaskon with Tenite Jewel grilles to obtain various color combinations making each a real personal radio.

Guarantee—all compact KADETTE radios carry our famous "one year - one dollar" Parcel Post Service Policy. Any owner can mail his KADETTE direct to factory with $1.00 and it will be returned in first class condition, transportation prepaid. To Our Jobbers and Dealers the regular Radio Manufacturers' Association Warranty applies which is 90 days from date of purchase against all imperfect workmanship and material.

Notice—International radio products are licensed under Patents of the Radio Corporation of America, Hazeltine-Latour and AC-DC U. S. Letters Patent No. 1,900,629

		Each
No. 40—KADETTE Jewel, brown bakelite with two-toned grille. Complete with Tubes and Antenna	$18.00	13 50
No. 41—KADETTE Jewel, walnut bakelite with agate grille. Complete with Tubes and Antenna	18.60	15.50
No. 42—DE_UXE Jewel, mahogany plaskon with tortoise grille. Complete with Tubes and Antenna	21.00	17 50
No. 43—DELUXE Jewel, ivory plaskon with alabaster grille. Complete with Tubes and Antenna	21.00	17 50
No. 44—DELUXE Jewel, chinese red plaskon with coral grille. Complete with Tubes and Antenna	21.00	17 50
No. 45 DELUXE Jewel, black onyx plaskon with jade grille Complete with Tubes and Antenna	21.00	1? .0
No. 46—DELUXE Jewel, orchid plaskon with moonstone grille. Complete with Tubes and Antenna	21.00	17 50

One in a Case, Net Weight, 3¾ lbs.; Shipping Weight, 5¾ lbs.

CARRYING CASES

		Each
No. JC—Zipper Suede Carrying Case for KADETTE Jewel Radios	$2.40	2.00

Loose

CASTING MINNOWS

SOUTH BEND

BABY PIKE ORENO

A Wiggling Bait that Will Go Deep for Pike, Bass and Other Species and Yet Will Float When Not Retrieved; Ordinarily it Travels from 4 to 6 Feet Below the Surface, Retaining the Realistic Swimming Action of a Minnow When Reeled Either Fast or Slow; Equipped with Metal Head Plate and 1-inch Wire Leader is Fastened to this Head Plate for Convenience in Attaching Line; Equipped with Two Treble Hooks; Length Over All, 4 inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
956RW	Red Arrow Head, White Body	$14.40 10.20
956YP	Yellow Perch	14.40 10.20
956S	Silver Speckled Body	14.40 10.20

Twelfth Dozen in a Box

MIDGET PIKE ORENO

Body Length, 2½ inches; Length Over All, 3 inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
955RW	Red Arrow Head, White Body	$14 40 10.20
955YP	Yellow Perch	14.40 10.20
955S	Silver Speckled Body	14.40 10.20

Twelfth Dozen in a Box

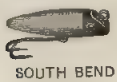
SOUTH BEND

TROUT-ORENO

This is a Miniature Size of the Bass-Oreno; Can be Used with a Sinker for Blue Gills, Perch and Other Small Fish; Can Also be Used with a Fly Rod for Trout, Bass and Salmon; Equipped with a No. 4 Bronze Hollow Point Double Hook; Length of Body, 1¾ inches.

Nos.	Color	Per Dozen
971RB	Rainbow	$11.00 7.80
971RH	White Body, Red Head	11.00 7.80

Twelfth Dozen on a Card
One Dozen Cards Connected, in a Box



SOUTH BEND

FLY-ORENO

A Little Bait Designed for Use With a Fly Rod of the Lightest Kind Without Danger of Straining the Rod; Has a Wobbling, Diving, Zigzag Action; This Lure is Also Excellent for Sun Fish, Crappie and Perch; Length, 1¾ inches.

Nos.	Color	Per Dozen
970PL	Pearl Lustre	$10.00 7.20
970RH	White Body, Red Head	10.00 7.20

Twelfth Dozen in a Box

CASTING MINNOWS

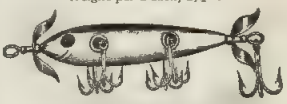
SOUTH BEND

UNDERWATER MINNOW

Standard Type of Underwater Minnow Used for Casting or Trolling; Equipped with Spinner at Both Front and Rear; Furnished with Three Treble Hooks; Length of Body, 3 inches.

Nos.	Color	Per Dozen
903RAIN	Rainbow	$16.80 12.00
903YP	Yellow Perch Scale Finish	16.80 12.00
903GCB	Green Cracked Back with White Belly	16 80 12.00
903RH	Red Head White Body	16 80 12.00

Twelfth Dozen in a Box
One Dozen in a Container
Weight per Dozen, 1¾ lbs.



SOUTH BEND

UNDERWATER MINNOW

Standard Type of Underwater Minnow Used for Casting or Trolling; Equipped with Spinner at Both Front and Rear; Furnished with Five Treble Hooks; Length of Body, 3⅛ inches.

Nos.	Color	Per Dozen
905RAIN	Rainbow	$16.80 12.00
905YP	Yellow Perch, Scale Finish	16.80 12.00
905GCB	Green Cracked Back, White Belly	16 80 12.00
905RH	Red Head White Body	16.80 12.00

Twelfth Dozen in a Box
One Dozen in a Container
Weight per Dozen, 2 lbs.

SHAPLEIGH'S POINTERS

Sinkers

Should Be Properly Used.

In Still Fishing with Live Bait, Attach Sinker About a Foot Above the Hook—Gives the Bait a Chance to Move, and Motion Attracts the Big Ones.

Sinker Should be Heavy Enough to Keep Float Upright.

In Fly and Bait Casting, a Suitably Sized Sinker Will Take the Lure Down When the Fish are Feeding Deep.

Fly Fishermen Usually Carry All Three Sizes of Split Shot.

CASTING MINNOWS

BEST-O-LUCK
(Made by South Bend Bait Co)

FIVE TREBLE PANATELLA MINNOW

Under-Water Minnow of Slender Shape, Used Very Exclusively in Southern Waters for Fresh and Salt Water Fishing; Length of Body, 4¼ inches; Weight Each, ¾ oz.

Nos.	Color	Per Dozen
915RSF	Scale Finish, with Red Blend	$16.80 12.00
915RAIN	Rainbow	16.80 12.00
915GCB	Green, Cracked Back, White Belly	16.80 12.00

Twelfth Dozen in a Box

BEST-O-LUCK
(Made by South Bend Bait Co)

THREE TREBLE PANATELLA MINNOW

Under-Water Minnow of Slender Shape, Used Very Exclusively in Southern Waters for Fresh and Salt Water Fishing; Length of Body, 4¼ inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
913RSF	Scale Finish, with Red Blend	$16.80 12.00
913RAIN	Rainbow	16.80 12.00
913GCB	Green Cracked Back, White Belly	16.80 12.00

Twelfth Dozen in a Box

BEST-O-LUCK
(Made by South Bend Bait Co.)

WEIGHTED UNDERWATER LURE

A Very Effective Weighted Underwater Lure with Plenty of Enticing Action; Has a Nickel Plated Spinner on the Nose and Two Nickel Plated Treble Hooks; Glass Eyes; Finished in Attractive, Durable Enamel Colors; Length, 3 inches; Weight Each, ⅝ ounce.

Nos.	Color	Per Dozen
918RH	Red Head and White Body	$5 00 6.00
918RB	Rainbow with Blue Back	5.00 6 00
918PK	Pike Finish	5 00 6.00

Twelfth Dozen in a Box
Weight per Dozen, 1½ lbs.

CASTING MINNOWS

BEST-O-LUCK

(Made by South Bend Bait Co.)

STANDARD JOINTED PIKE LURE

Standard Jointed Pike Lure, with Nickel Plated Headplate; Two Treble Hooks; Length, 4½ inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
931RH	Red Head, White Body	$11.00 10.20
931SF	Green Scale Finish	11.00 10.20
931P	Pike Scale Finish	11.00 10.20
931YP	Yellow Perch	11.00 10.20

Twelfth Dozen in a Box

BEST-O-LUCK

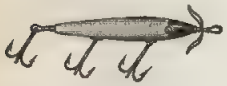
(Made by South Bend Bait Co.)

BABY JOINTED PIKE LURE

Jointed Pike Lure; Nickel Plated Headplate, Two Treble Hooks; Length, 3½ inches; Weight Each, ⅜ oz.

Nos.	Color	Per Dozen
908RH	Red Head, White Body	$11.00 10.20
908SF	Green Scale Finish	11.00 10.20
908P	Pike Scale Finish	11.00 10.20
908YP	Yellow Perch	11.00 10.20

Twelfth Dozen in a Box



BEST-O-LUCK

(Made by South Bend Bait Co.)

SINKING-UNDER-WATER LURE

A Small Lure, with Spinner on Front Only; Rigid Shaft Spinner Works Good when Reeled Fast or Slow; Furnished with Three Treble Hooks; Length of Body, 4½ inches; Weight per Dozen, 1¼ lbs.

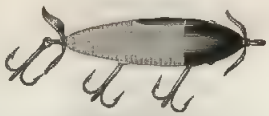
Nos.	Color	Per Dozen
929P	Pike Scale	$8.00 6.00
929YP	Yellow Perch	8.00 6.00
929RHA	Red Head, Aluminum Body	8.00 6.00
929RAIN	Rainbow	8.00 6.00

Twelfth Dozen in a Box

CASTING MINNOWS

BEST-O-LUCK

(Made by South Bend Bait Co.)



WOUNDED MINNOW

Flat Sides, Floating Minnow; Spinner at Front and Back; Two Treble Hooks; Length, 3⅝ inches; Weight Each, ¾ oz.

Nos.	Color	Per Dozen
920RH	Red Head, White Body	$8.40 7.80
920YP	Yellow Perch	8.40 7.80
920SS	Silver Speckled Body, Red and Brown Stripes	8.40 7.80
920B	Solid Black, with Red Around Eyes	8.40 7.80
920SF	Green Scale Finish	8.40 7.80
920RS	Red Side	8.40 7.80

Twelfth Dozen in a Box

BEST-O-LUCK

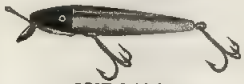
(Made by South Bend Bait Co.)

WOUNDED MINNOW

Flat Side Floating Minnow; Spinner at Front and Back; Two Treble Hooks; Length, 3 inches; Weight Each, ½ oz.

Nos.	Color	Per Dozen
914YP	Yellow Perch	$5.00 6.00
914RH	Red Head, White Body	5.00 6.00
914SS	Silver Speckled Body Red and Brown Stripes	5.00 6.00
914B	Solid Black, with Red Around Eyes	5.00 6.00

Twelfth Dozen in a Box



BEST-O-LUCK

(Made by South Bend Bait Co.)

PANATELLA WOBBLER

Long, Slim, Streamlined Lure; Equipped with a Uniquely Shaped Nickel Plated Headplate and Two Nickel Plated Treble Hooks; Headplate Causes Dipping, Diving and Darting Action; also Equipped with Small Wire Lead; Finished in Attractive, Durable Enamel Colors; Length, 4 inches; Weight, ⅝ oz.

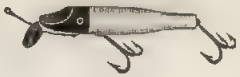
Nos.	Color	Per Dozen
921RHA	Red Head and Aluminum Body	$5.00 6.00
921GS	Green Striped	5.00 6.00
921RH	Red Head and White Body	5.00 6 00

Twelfth Dozen in a Box
Weight per Doz., 1¾ lbs.

CASTING MINNOWS

BEST-O-LUCK

(Made by South Bend Bait Co.)

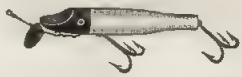


PIKE LURE

A Very Effective Lure for Bass, Pike, Pickerel and Many Other Game Fish; Patterned After the Already Famous Pike Style of Casting Minnow; Equipped with Nickel Plated Headplate and Two Nickel Plated Treble Hooks. Headplate Causes Lure to Have an Enticing, Wonderful Action; Also Equipped with Small Wire Lead; Finished in Attractive, Durable Enamel Colors; Length, 4¼ inches; Weight Each, ⅝ oz.

Nos.	Color	Per Dozen
930RH	Red Head and White Body	$9.60 9.00
930PK	Pike Finish	9.60 9.00
930GS	Green Striped	9.60 9.00
930YP	Yellow Perch	9.60 9.00
930SF	Green Scale Finish	9.60 9.00
930P	Pike Scale Finish	9.60 9.00

Twelfth Dozen in a Box;
Weight per Dozen, 1½ lbs.



BEST-O-LUCK

(Made by South Bend Bait Co.)

BABY PIKE LURE

Baby Pike Lure with Nickel Plated Headplate; Length 3¼ inches, Weight, Each, ½ oz.

Nos	Color	Per Dozen
907S	Silver Speckled Body, Green Stripe	$9.60 9.00
907RH	Red Head, White Body	9.60 9.00
907RB	Rainbow with Blue Back	9.60 9.00
907SF	Scale Finish Green	9.60 9.00
907P	Pike Scale Finish	9.60 9.00
907YP	Yellow Perch Scale Finish	9.60 9.00

Twelfth Dozen in a Box;
One Dozen in a Container.
Weight per Container, 1¼ lbs.

SOUTH BEND.

THE BETTER BASS-ORENO.

A better Bass-Oreno. An aluminum plate, cemented and riveted within the wood body makes a direct connection between line and hooks, eliminates the use of screws, makes the bait more impervious to water and the action is better and more uniform.

Body is 3½ inches long; weight, ⅝ ounce. Packed one in box.

Per Dozen

No. S-73RW—South Bend Baits; red arrow-head, white body $16.00
No. S-73RY—South Bend Baits; red arrow-head, yellow body 16.00
No. S-73W—South Bend Baits; white body, red and green decorations 16.00
No. S-73RAIN—South Bend Baits; rainbow color 16.00
No. S-73F—South Bend Baits; imitation frog color 16.00
No. S-73SF—South Bend Baits; scale finish, green 16.00
No. S-73LUM—South Bend Baits; nit-luming finish 16.00

BETTER BABE-ORENO.

Am aluminum plate, demented and riveted into the wood body makes it stronger, more water-proof and give it a more uniform action. The two detachable hooks and line are attached to this plate. The plate serves as a keel for the bait.

Body length, 2¾ inches.

Per Dozen

No. S-72RW—South Bend Baits; red arrow-head, white body $13.60
No. S-72W—South Bend Baits; white body, red and green decorations 13.60
No. S-72SF—South Bend Baits; scale finish, green 13.60

BASS-ORENO.

Has a darting, diving, wobbling motion when reeled in. Has a high grade enamel finish which will not crack. Equipped with three best grade treble hooks. Body is 3½ inches in length.

Per Dozen

No. S-973RH—South Bend Baits; red head, white body. $10.40
No. S-973RHA—South Bend Baits; red head with aluminum body 10.40
No. S-973RAIN—South Bend Baits; rainbow color 10.40
No. S-973F—South Bend Baits; imitation frog color 10.40
No. S-973LUM—South Bend Baits; luminous, for night fishing 10.40

BABE-ORENO.

For anglers who use a light whippy rod and light line and desire a light small bait to conform therewith, this bait meets the requirements. Body is 2¾ inches long, has a high grade enamel finish and is equipped with two treble hooks.

Per Dozen

No. S-972RH—South Bend Baits; red head with white body $10.40

MUSK-ORENO.

For muskies and pike. Treated red cedar wood, three treble hooks, best grade spear point, the tail hooks are two sizes larger than the side hooks. All trimmings are nickel plated, excepting the spinners, which are extra heavy, 18% silver alloy.

Floats when not in motion; dives, zig-zags and darts in a very alluring, minnow-like course. 4½ inches long, weight 1½ ounces.

Per Dozen

No. S-976RH—South Bend Baits; red head and white body $16.00

STANDARD WOBBLER.

Body is 3½ inches in length, has high grade enamel finish and is equipped with three treble hooks.

Per Dozen

No. S-943RH—South Bend Baits; red head, white body. $7.00
No. S-943GS—South Bend Baits; green striped 7.00

FOR BASS.

For bass and other of the larger species of game fish. Has No. 1 hook; body length, 1⅝ inches; width, ¼-inch. Supplied with a strip of No. 244 rubber pork rind, that does not interefere in any way with its action. Pork rind is also satisfactory. Either is easily attached by means of a small wire snap. Snap can be removed.

Per Dozen

No. S-594CH—South Bend Baits; highly polished silvery chromium $10.40
No. S-594RH—South Bend Baits; enameled red head, white body 10.40
No. S-594P—South Bend Baits; pearl enamel finish 10.40
No. S-594G—South Bend Baits; highly polished 24k gold. 10.40

CASTING ROD SIZE.

A Trix-Oreno in the bait casting size. In retrieving, the slightest movement of the rod will cause the Trix-Oreno to dip, dive and dart about and it has the life-like action of a swimming minnow. It is "alive" every second, either while sinking or when retrieved. Has No. 4/0 hook; body length, 2¾ inches; width, ⅞-inch. Packed one in a box.

Per Dozen

No. S-595RH—South Bend Baits; red head and white body $13.60

SOUTH BEND.

TRIX-ORENO—FLY ROD SIZE.

For Trout.

(Illustration ⅔ actual size.)

The Trix-Oreno fly rod lure when cast up or down running streams or in lakes and allowed to sink of its own accord, will flutter like living bug without any manipulation of the fly rod. In retrieving, the slightest movement of the rod will cause the Trix-Oreno to dip, dive and dart about and has the life-like action of a swimming minnow.

For trout, blue gills, crappies, perch and smaller varieties of game fish; has tiny bangle to give extra flash Hook size is No. 6; body length, 1¼ inches; width, 7/16 inch. Packed one on a card in a cellophane envelope.

	Per Dozen
No. S-593CH—South Bend Baits; highly polished silvery chromium	$10.40
No. S-593RH—South Bend Baits; enameled red head, white body	10.40
No. S-593Y—South Bend Baits; red head, yellow body	10.40
No. S-593G—South Bend Baits; highly polished 24k gold.	10.40

CREEK CHUB.

PIKIE.

This new nature lure so closely imitates the pike minnow in shape, color and movement that the combativeness of the bass is aroused and they strike to kill.

It's a near surface wiggler, or by turning up the screw-eye a few turns and reversing the mouthpiece you have a surface splatter.

Slim body 4½ inches long; weight, ¾ ounce; rust-proof, bronze hooks to blend with color of body; all hooks including the tail hooks set in sockets to hold same away from the body.

	Per Dozen
No. S-700—Creek Chub Baits; natural pikie, scale finish	$16.00
No. S-702—Creek Chub Baits; white with red head	16.00
No. S-704—Creek Chub Baits; golden shiner, beautiful, light golden sides	16.00
No. S-708—Creek Chub Baits; rainbow color	16.00
No. S-718—Creek Chub Baits; silver flash	16.00
No. S-721—Creek Chub Baits; night glow finish	16.00

BABY PIKIE.

Patents pending.

This neat little ¼ ounce lure, 3¼ inches long, is in answer to the demand for a smaller bait than the now famous Pikie Minnow, which has been making the record catches of game fish in every part of the country. It has a wicked wiggle and all the good qualities of the larger lure. A light, strong killer.

	Per Dozen
No. S-900—Creek Chub Baits; natural pikie, scale finish	$15.20
No. S-902—Creek Chub Baits; white with red head	15.20
No. S-904—Creek Chub Baits; golden shiner	15.20

CREEK CHUB.

JOINTED PIKIE.

This new Jointed Pikie has a beautiful wiggling movement, flexible and sensuous, which we believe makes it a still better fish getter than our famous Pikie minnow No. S-700. It is a very easy caster and does not run quite so deep as the No. S-700.

Length, 4¼ inches; weight each, ¾-ounce.

	Per Dozen
No. S-2600—Creek Chub Baits; natural pikie scale finish	$20.00
No. S-2604—Creek Chub Baits; natural golden shiner, scale finish	20.00
No. S-2618—Creek Chub Baits; new silver flash	20.00

JOINTED BABY PIKIE.

This peppy little wiggler is about the size of the live bait generally used. A deadly killer in rivers and lakes, especially in the new silver flash finish, which so closely imitates the silver shiner minnow. In retrieving this lure, try stopping and starting it or changing the speed of reeling, it will win you many strikes. Length of body, 3½ inches; weight, ½ ounce.

	Per Dozen
No. S-2700—Creek Chub Baits; natural pikie, scale finish	$18.40
No. S-2702—Creek Chub Baits; white with red head and tail	18.40
No. S-2718—Creek Chub Baits; silver flash	18.40

INJURED MINNOW.

A great surface bait. Acts like a crippled or wounded minnow. Spinners have a buzzing vibration which is very attractive. Length of body, 3¾ inches; weight, nearly ¾ ounce.

	Per Dozen
No. S-1505—Creek Chub Baits; red side, scale finish	$16.00
No. S-1518—Creek Chub Baits; silver flash	16.00

CRAWDAD WIGGLER.

Shell finish and nearest to the live crab in looks and movement. Natural shaped body and tail, black bead eyes, rubber legs and bronze hooks.

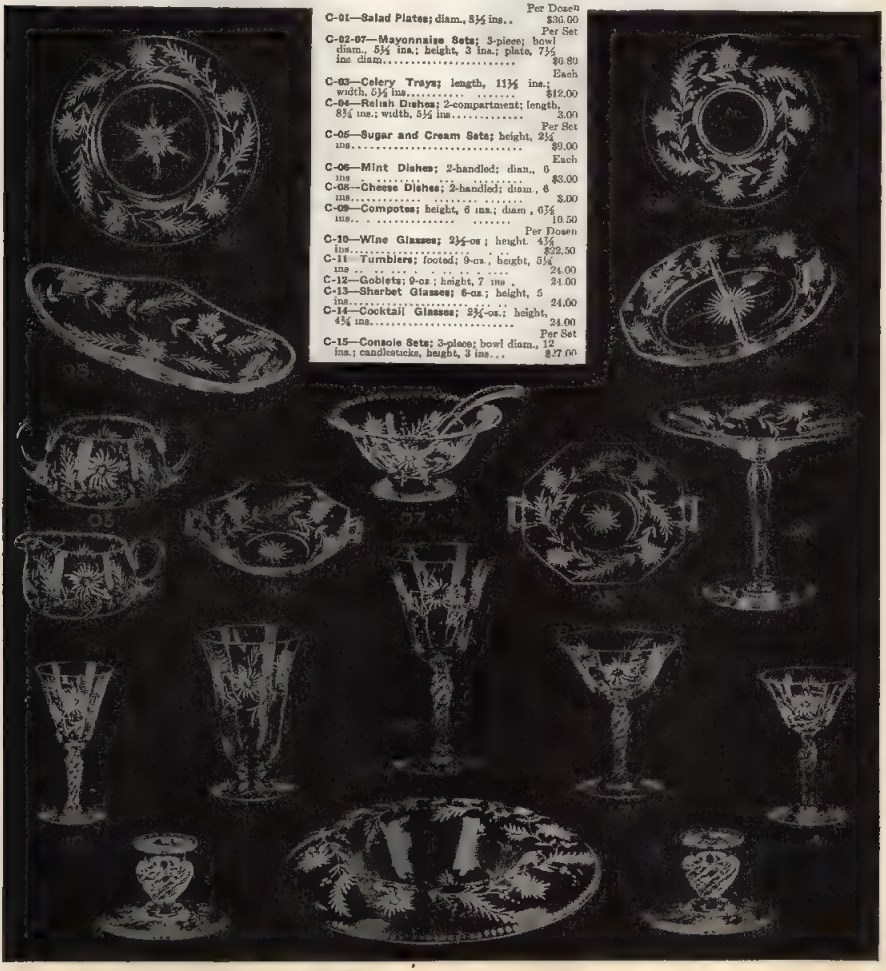
Floats when not going. Tail guards hooks.

	Per Dozen
No. S-300—Creek Chub Baits; natural crab finish; length of body, 2¾ inches; weight, ¾ ozs	$15.20
No. S-315—Creek Chub Baits; tan finish	15.20

STANDROCK.

ASTRID PATTERN, ROCK CRYSTAL.

The Astrid pattern has a very attractive cutting and polished floral design and is cut on a wide optic blank. The cutting is polished and finished to bring out the rock crystal effect. The console set, compote, celery tray and sugar and cream set is cut on the finest Libbey blanks. The balance on the famous Fostoria crystal glassware.



	Per Dozen
C-01—Salad Plates; diam., 8½ ins..	$30.00
	Per Set
C-02-07—Mayonnaise Sets; 3-piece; bowl diam., 5½ ins.; height, 3 ins.; plate, 7½ ins diam.	$0.80
	Each
C-03—Celery Trays; length, 11⅞ ins.; width, 3½ ins.	$12.00
C-04—Relish Dishes; 2-compartment; length, 8¾ ins.; width, 3½ ins.	3.00
	Per Set
C-05—Sugar and Cream Sets; height, 2¼ ins.	$9.00
	Each
C-06—Mint Dishes; 2-handled; diam., 6 ins	$3.00
C-08—Cheese Dishes; 2-handled; diam., 6 ins.	3.00
C-09—Compotes; height, 6 ins.; diam., 6½ ins..	10.50
	Per Dozen
C-10—Wine Glasses; 2½-oz.; height, 4⅝ ins.	$22.50
C-11—Tumblers; footed; 9-oz., height, 5¼ ins.	24.00
C-12—Goblets; 9-oz.; height, 7 ins.	24.00
C-13—Sherbet Glasses; 6-oz.; height, 5 ins.	24.00
C-14—Cocktail Glasses; 2½-oz.; height, 4¾ ins.	24.00
	Per Set
C-15—Console Sets; 3-piece; bowl diam., 12 ins.; candlesticks, height, 3 ins...	$17.00

FINE AMERICAN CUT CRYSTAL GLASS.

Rock Crystal is a term signifying the finest quality of glass made, and its clear ringing sound verifies its realness. This quality glass is used for our fine engraved and cut designs, which makes for priceless gifts for any occasion.

POLISHED ROCK CRYSTAL.

Full polished, moderate priced rock crystal glassware; floral design with cut stems and bases.

Per Dozen

No. C-1391—Goblets; height, 7¼ inches; weight per dozen, 8¾ lbs. **$14.40**

No. C-1392—Tall Sherbets; height, 5⅜ inches; weight per dozen, 8¼ lbs. **14.40**

No. C-1393—Salad Plates; diameter, 7½ inches; weight per dozen, 7½ lbs. **21.60**

No. C-1394—Cocktail Glasses; height, 5 inches; weight per dozen, 2 lbs. **14.40**

No. C-1395—Wine Glasses; height, 5 inches; weight per dozen, 1⅞ lbs. **14.40**

No. C-1396 Footed Tumblers; capacity, 9 ounces; height, 6 inches; weight per dozen, 3¾ lbs. **14.40**

Beautiful polished Rock Crystal, artistic floral design, cut stem

Per Dozen

No. C-1691—Goblets; height, 7¾ inches; weight per dozen, 4 lbs. **$10.50**

No. C-1692 –Tall Sherbets; height, 5⅞ inches; weight per dozen, 3¼ lbs. **10.50**

No. C-1694—Cocktail Glasses; height, 5½ inches; weight per dozen, 2 lbs. **10.50**

No. C-1695—Wine Glasses; height, 5 inches; weight per dozen, 1⅞ lbs. **10.50**

Moderate priced stem ware, line cut on Fostoria glass.

ST. GEORGE.

GOBLETS.

Per Dozen

No. C-572—Goblets; height, 7¼ inches; weight per dozen, 5¼ lbs. **$19.00**

SHERBETS.

Per Dozen

No. C-571—Sherbets; height, 5 inches; weight per dozen, 4½ lbs. **$19.00**

TUMBLERS.

Per Dozen

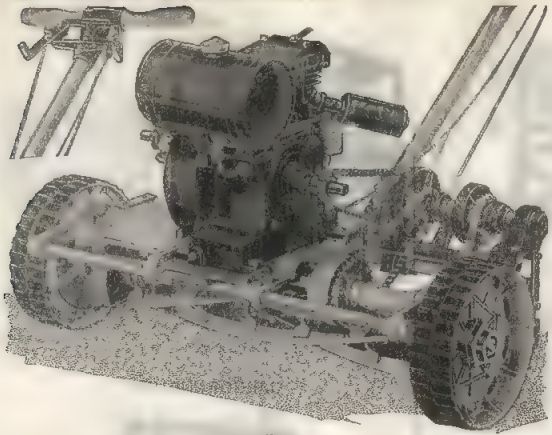
No. C-575—Footed Tumblers; height, 5¼ inches; weight per dozen, 4½ lbs. **$19.00**

SALAD PLATES.

Per Dozen

No. C-578—Salad Plates; diameter, 8½ inches; weight per dozen, 11¼ lbs. **$36.00**

STEARNS.

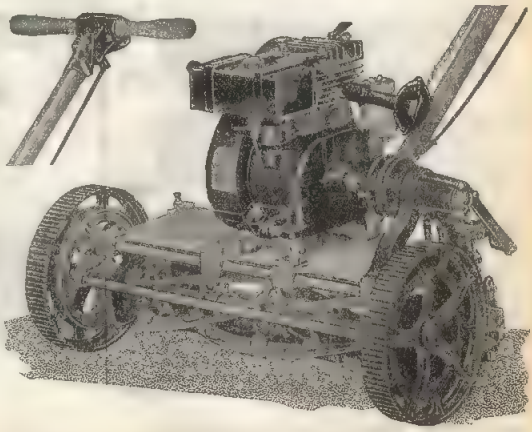


Disc type drive wheels; five manganese steel, self-sharpening blades double riveted to five malleable spiders on one-inch shaft. Hyatt roller bearings in wheels and four-section rear roller. Norma-Hoffmann ball bearings in clutch mechanism and drive shaft; Timkin taper roller bearings in cylinder. Bed, plate and knife, chrome steel with lipped edge. Independent clutches with separate control for reel and drive. Bevel gear differential drive, furnished with Briggs & Stratton model A, four-cycle engine. Finish, weather-proof enamel, gray frame, black engine, tan wheels, red trim.

Each

No. W-24—Power Lawn Mowers; cut, 24 inches; diameter reel, 6 inches; diameter wheels, 11 inches, 3-inch tread; one H. P. engine; height of cut, ½ to 1½ inches; speed, ½ to 4½ miles per hour; shipping weight, 285 lbs. $195.00

No. W-27—Power Lawn Mowers; cut, 27 inches; diameter reel, 6 inches; diameter wheels, 11 inches, 3-inch tread; one H. P. engine; height of cut, ½ to 1½ inches; speed, ½ to 4½ miles per hour; shipping weight, 300 lbs. 235.00



Open type drive wheels; five manganese steel, self-sharpening blades, double riveted to malleable iron spiders on ½-inch shaft; Hyatt roller bearings in wheels and in triple-section rear roller. Norma-Hoffmann ball bearings in cylinder, clutch mechanism and drive shaft. Bed, plate and knife, chrome steel with lipped edge, furnished with Briggs and Stratton model H four-cycle engine Finish, weather-proof enamel, gray frame, black engine, red wheels and trim.

Each

No. W-18—Power Lawn Mowers; cut, 18 inches; diameter reel, 6 inches; diameter wheels, 11 inches, 1¾-inch tread; one-half H. P. engine; height of cut, ½ to 1½ inches; speed, ½ to 4½ miles per hour; shipping weight, 180 lbs. . $99.50

No. W-21—Power Lawn Mowers; cut, 21 inches; diameter reel, 6 inches; diameter wheels, 11 inches, 2¼-inch tread; one-half H. P. engine; height of cut, ½ to 1½ inches; speed, ½ to 4½ miles per hour; shipping weight, 200 lbs. 117.50

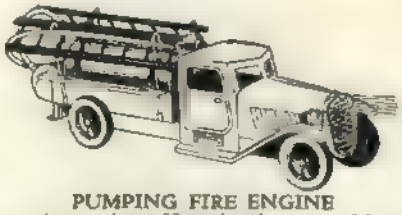
New Streamline STRUCTO TOYS with Lights

ELECTRIFIED TOYS ENTIRELY NEW STREAMLINE DESIGNS WITH LIGHTS

HOOK AND LADDER

A very popular and fast selling item. Has two extension ladders for extra play value. Red and green headlights. New streamline design. Nickel plated radiator. Bright red enamel finish. Size 36"x6¼"x6¼".

336 J01. Complete with Rubber Wheels. Each . $1.62



PUMPING FIRE ENGINE

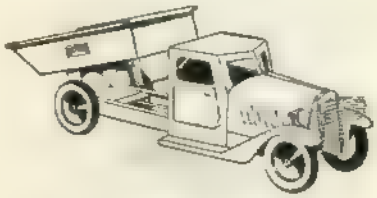
A marvelous value. Has play features of items usually sold for $5.00. Squirts a long stream of water. Has a large water tank equipped with a rubber air compression bulb. The 25" hose has solid brass nozzle. Two extension ladders included. Has red and green headlights. Red and orange enamel. Size 36"x6¼"x6¼".

336 J02. Complete $3.12

WRECKING AUTO

Lifting unit can be detached converting the Wrecking Auto into a Speed Wagon. Note its new design "V" type windshield and nickel plated radiator. White enamel with red boom. Size 23"x6¼"x8½".

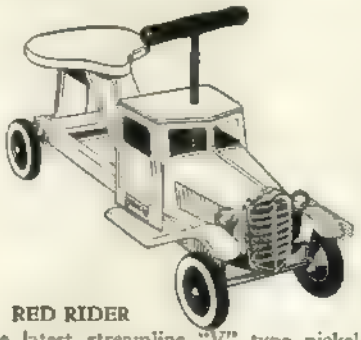
336 J03. Complete with Rubber Wheels. Each $1.62



DUMP TRUCK

Design permits the entire load to be completely dumped. You can make volume sales with this item. Heavy steel, electrically welded construction. Beautiful orange enamel finish. Size 19¾" 6¼"x6¼".

336 J04. Complete with Rubber Wheels. Each $1.62



RED RIDER

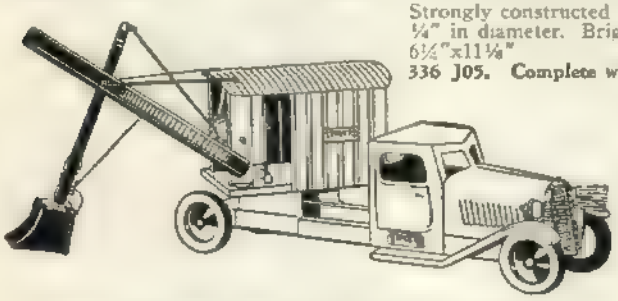
Has the latest streamline "V" type nickel plated radiator and divided windshield. The handle bar permits the child to turn the front wheels with ease. The two long life headlights are included. Has receptacle for standard size battery. (Battery not included.) Strongly constructed of heavy gauge steel. Axles are ¼" in diameter. Bright red enamel finish. Size 20"x6½"x11⅛"

336 J05. Complete with Rubber Wheels. Each $2.04

FARM WAGON

Sides are removable, thus permitting a child to ride on it. Due to its heavy steel construction, it can support the weight of a 170 lb. man. White truck, green body, enamel finish. Size 19½"x6¼"x6¼".

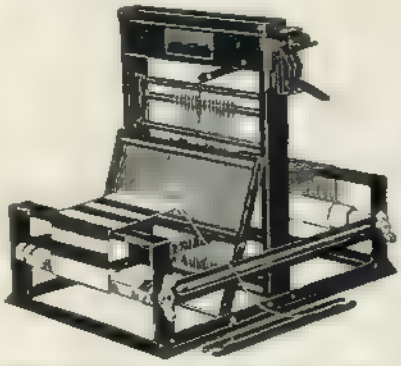
336 J06. Complete with Rubber Wheels. Each. . . . $1.62



COMBINATION TRUCK AND STEAM SHOVEL

Chuck full of play value. The steam shovel, mounted on its turntable base is movable in all directions. Winding lever has sound-making device. Solid rubber wheels have white side walls. Finished in red, green and orange enamel. Size 31"x12½"x6".

336 J07. Complete $3.12



NEW STRUCTO ARTCRAFT LOOM

Girls . . . It's Fun to Weave Scarfs, Doll Clothes, Hand Bags, Rugs, etc.

Structo is the largest and oldest builder of table looms used in vocational training work. The same fine workmanship, materials and many of the features of the larger Structo looms costing up to $100.00 are reproduced in the ARTCRAFT. Six U. S. patents make this new loom exclusive. Other patents pending. It comes completely assembled and threaded with warp, in position as shown above. There is no delay in starting to weave. Complete weaving instructions included. A moderate supply of weft material is included with each loom, and a strip of cloth started as shown. The ARTCRAFT is so simple to operate that a very small child can produce finished material—about equal to machine made cloth. It is finished in beautiful pastel green enamel. Size 15" x 13" x 11½". Packed in individual carton. Price list of materials and replaceable parts included with each loom.

336 J08. ARTCRAFT LOOM COMPLETE $7.86

New American Flyer Typewriter

HAS 9 SPECIAL FEATURES . . . Found only on Commercial Typewriters

1. **Capital, Small Letters, Numerals, Punctuation:** A double set of type is available, permitting the typing of every real letter. Produces a letter similar to that typed on a commercial machine.
2. **Visibility and Speed:** You see at all times the letter as it is being typed. New operating keys permit great speed in operation.
3. **Paper Feed:** A new feature for 1934 is the self-aligning paper roll feed. Uses standard letter size paper up to 8½" wide.
4. **Carriage** is movable from side to side. Very realistic. The spacing can be made single, or double, etc.
5. **Standard Typewriter Ribbon:** An exclusive feature is the standard typewriter ribbon. Ribbon 15" long will last a long time, and can be reversed for use. Easily replaced, no messy metal necessary.
6. **Type Disc:** The disc is made of heavy long wearing, special alloy material with standard commercial size type characters and punctuation marks distinctly and clearly cut.
7. **Long Life:** Made of heavy gauge steel parts, electrically welded and riveted. Substantial die castings. Strongly constructed.
8. **Finish:** Case beautiful maroon enamel or a lustrous black, all carriage parts are handsomely colored automobile enamel. Parts heavy nickel plated. Comes in attractive colored carton.
9. **Educational:** Makes a game out of homework. Prominent Educators endorse this machine for girls and boys. It is truly fun to type on an American Flyer Typewriter as you can produce real letters.

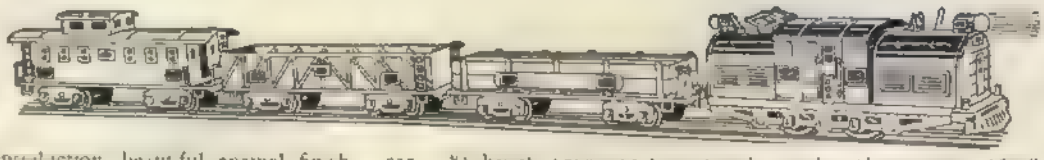
336 J09. Typewriter (Size 10¼" x 7½" x 5") Each $3.50

TRANSFORMERS included AT NO EXTRA COST

Wide Gauge (2¼") Electrical Trains

American Flyer Trains

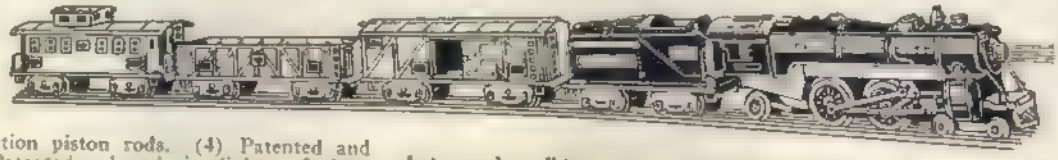
PATHFINDER — 100 Watt Dyaltype Transformer Included



Features — (1) Remote Control Motor. (2) Patented exclusive ringing bell. (3) Patented twin reversible headlight. (4) St. Paul type locomotive, is an accurate representation, beautiful enamel finish, glistening with brass trim. (5) Longest freight cars made, each 14" long. (6) Caboose has electric light. (7) Features new log car. (8) Eight curve and two straight track. (Locomotive 13½" long, cars 14" long, train 60" long. Weight 25 lbs.)

335 J01. Complete **$40.22**

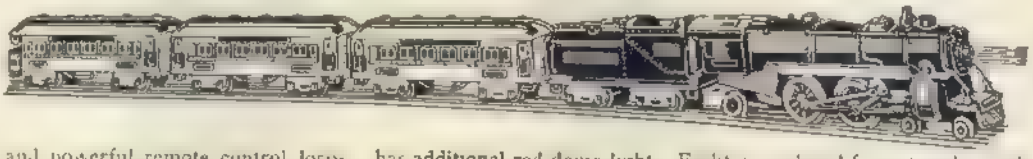
OLD IRONSIDES — 100 Watt Dyaltype Transformer Included



Features—(1) Typical American design locomotive with Vanderbilt type tender. (2) Remote control motor. (3) Double action piston rods. (4) Patented and exclusive ringing bell. (5) Patented and exclusive light in fireBox. (6) Die cast construction, bringing out a wealth of detail. (7) Double pilot wheels and booster trucks. (8) De luxe die cast tender, the finest made. (9) Cars longest and heaviest made. (10) Auto car has sliding doors. (11) Caboose has electric light. (12) Eight curve and four straight track. (Locomotive and Tender 27" long, cars 14" long, train overall 75" long. Weight 35 lbs. 6 oz.)

335 J02. Complete **$55.14**

IRON MONARCH—Passenger—75" Long



Illuminated with six train lamps. This new train offers evidence of the finest engineering and typical American design which makes it a remarkable value. The beautiful and powerful remote control locomotive is the same as described in the Old Ironsides model. The two all steel Pullmans and Observation are equipped with electric lights, and are furnished in brilliant, stainless enamels. Observation has additional red dome light. Eight curved and four straight track includes form an oval 3' 9" x 6' 1" a total length of 16'. Packed complete with 100 watt transformer.

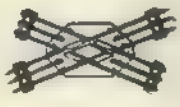
335 J03. Complete **$58.80**

Extra Equipment and Decorative Units

TRANSFORMER CUT-OUT

This new unit is absolutely foolproof. Operates on amperage principle same as current circuit breakers. Gives detailing protection to transformer. The lever button also permits the operator to stop or start his train. Complete instructions packed with unit.

335 J04. Each . $2.94



TRACK EQUIPMENT

No.	Description	Gauge	Length	List, Ea.
335 J05.	Curve	Narrow	10"	$ .24
335 J06.	Curve	Narrow	11"	.28
335 J07.	Straight	Narrow	10"	.24
335 J08.	½ Straight	Narrow	5"	.24
335 J09.	½ Curve	Narrow	5"	.24
335 J10.	Crossover	Narrow	45	2.00
335 J11.	Curve	Wide	14"	.40
335 J12.	Straight	Wide	14"	.40
335 J13.	½ Straight	Wide	10⅛"	.40
335 J14.	Crossover	Wide	90°	2.68

TRACK SWITCHES—Sold in Pairs Only

No.	Description	Gauge	List Pair
335 J15.	Manual Control—No Lights	Narrow	$4.56
335 J16.	Manual Control—With Lights	Narrow	6.66
335 J17.	Remote Control—With Lights	Narrow	11.90
335 J18.	Manual Control—No Lights	Wide	6.30
335 J19.	Manual Control—With Lights	Wide	9.80
335 J20.	Remote Control—With Lights	Wide	16.80

Remote control switches include controlling switch.

Prices Subject to Regular Catalog Discount

DOUBLE ARM LAMP POST

With two frosted arms. Very decorative sign and a fine shed every layout. Height 12". For Narrow or Wide Gauge.

335 J21 Each $2.94

EQUIPMENT SET

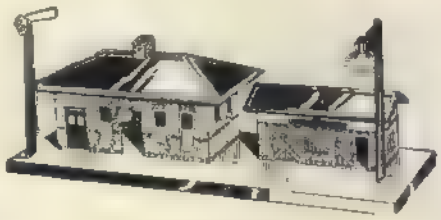
This consists of 10 units as illustrated. Adds greatly to play value and realism. Height of telegraph poles 10½".

335 J22. Complete $2.20

KENILWORTH STATION

Interior Lamp. New finish with frosted windows. Size 9½"x5½"x5½".

335 J23. Each.$1.84



STATION SET

Signal can be operated. The two stations have bright enamel base and roofs. Lighted station and lighted lamp post. The sides are beautifully colored with realistic printed details. 17¼x6½x8".

335 J24. Complete **$4.42**

TRAIN CONTROL SEMAPHORE

Operator can stop or start train from distant position with controlling switch which is included. Has durable die cast housing for the arm and control unit, mechanism. A necessity to any real railroad. Has universal base. Height 15". For narrow or wide ga.

335 J25. Complete **$7.36**

Sunbeam Glass Coffee Makers

No Filter Cloths or Metal Springs

All Have Patented Glass Filter Rod

The Sunbeam table stoves furnished with these Coffee Makers are fast heating, so coffee is brewed in a few minutes. The chromium plated covers prevent spray from the upper bowl, and the lower bowls can be used for serving coffee for they have cool, comfortable handles.

To brew coffee just put the ground coffee into the upper bowl—water in lower bowl. When the water heats to the proper temperature it rises into the upper bowl and brews with coffee. Shut off the current and the clear coffee, free from grounds, flows automatically into the lower bowl. Easy and simple to operate.

Capacity 8 Cups

Model A. A handsome, low-priced coffee maker complete with two graceful heat-resistant glass bowls, chrome plated table stove and cover, rich black handle.
No. 4G22. Each 4.50

Prices on this Page Subject to 2% Cash Discount.

Model B. A lovely low, graceful model by one of America's leading designers. The basis of it is the classic Greek amphora, or water vessel, and it combines beauty with utility. Has handy spout—a permanent part of the lower bowl, an exclusive Sunbeam feature on Model B and C. Chrome plated table stove and cover, heat-resistant bowls.
No. 4G18. Each..... 5.96

Model C. Same as Model B but with special decorative de luxe table stove.
No. 4G21. Each..... 6.96

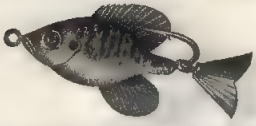
Maxwelton Braes Coffee Maker. All gleaming chrome plate inside and out—non-tarnishing — unbreakable — everlasting. Server, table stove and coffee basket all individual units. Stove has two heats—a high heat for the brew, a lower heat for keeping it piping hot as long as desired. Model 2, with 7-cup server, coffee basket, 2-heat table stove.
No. 4G20. Each..... 4.52

Sunbeam Fanheater. Quick heat when and where it is needed. Fills whole room with circulating heat. Pulls in cold air through back, spreads it out hot in front. Beautiful cabinet in rich walnut finish. Height 12 inches.
No. 4G13. Each..... 5.17

Sunbeam Westproof Heating Pad. Can be used safely with hot, wet compresses. Three heat switch. Soft, lavender elderdown, wet-proof cover may be removed and sterilized.
No. 4G19. Each.. 5.82

SUNFISH TIN LIZ.

CASTING SIZE.



As good a fish getter as the standard Tin Liz and superior for shallow water, because its greater surface causes it to run higher.

Per Dozen

No. S-SL—Tin Liz Baits; length, 2¼ inches; weight, ⅛oz. . **$12.00**

TIN LIZ.

The sensational metal minnow fools them all; wall-eyed pike, northern pike, rock bass, and black bass and the beautiful part of it is that it casts easily and is not affected by the wind as much as most wooden baits.

Per Dozen

No. S-TL—Tin Liz Baits; length, 3¼ inches; weight each, ⅝ oz. **$12.00**

WEEDLESS.

Furnished with a simple but very effective weed guard at the regular price, in only one color, silver Cast this bait into lily pads and see how it wiggles through and lands your fish Point of guard must be kept just below point of hook.

Per Dozen

No. S-TLW—Tin Liz Baits; length, 3¼ inches; weight, ⅝ oz. **$13.60**

RUBBER MINNOW.

MINNIE THE SWIMMER.

Closely resembles a shiner minnow. Silvery finish. Its life-like action in the water gets the fish. Made of tough, flexible, solid rubber body directly molded on the shank of the finest grade hook. First introduced this past season it met with instant approval. A sure hooker.

BASS SIZE.

Per Dozen

No. S-65—Minnie The Swimmer Baits; length, 2¾ inches. **$9.60**

PIKE SIZE.

No. S-75—Minnie The Swimmer Baits; length, 3⅓ inches. **10.80**

MUSKIE SIZE.

No. S-150—Minnie The Swimmer Baits; length, 5 inches. **21.60**

ABALONE PEARL MINNOWS.

SALM.

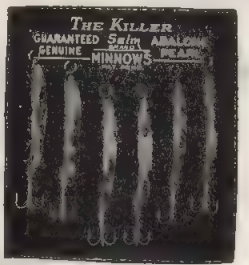
Abalone Pearl On Both Sides.

The right size for all kinds of fish. For trolling, casting and deep water fishing, for trout, crappie, pike and bass. Has a distinctive wobble and flash. Handsomely finished Abalone pearl and sturdily built. Made in four sizes; brass swivels; bright spring steel rings; trebble spear point hooks.

Pearl Minnows.	Pearl, Ins.	Size Hook	Weight, Ozs.	Per Dozen
S-101	1	12	⅛	$3.00
S-102	1⅝	8	¼	4.20
S-103	2¼	5	⅜	6.00

One in a box.

PEARLCONVEX NICKEL SILVER CONCAVE.



The colors become "alive" and more attractive in the water and irresistably attract the attention of all varieties of fish. Is in no sense a spinner, but is designed to produce the most effective and highly desirable erratic darting action of an escaping live minnow.

Pearl Minnows.	Pearl, Ins.	Size Hook	Weight, Ozs.	Per Dozen
S-201	1	12	⅛	$3.00
S-202	1⅝	8	¼	4.20
S-203	2¼	5	⅜	6.00
S-204	2⅞	3	½	9.00

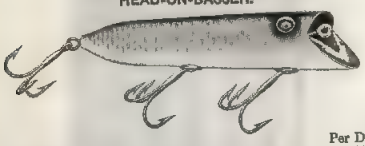
One in a box.

ARTIFICIAL BAITS.

HEDDON'S.

These baits are made in natural, beautifully blended colors. Coated with special porcelain enamel, according to style of finish. This enamel is guaranteed against peeling or cracking. Every metal fitting, including treble hooks, is nickel plated. Made of selected cedar, chemically treated to prevent absorption of water.

HEAD-ON-BASSER.



Per Dozen

No. S-8502—Heddon Baits; white body, red head.....$16.00
No. S-8509D—Heddon Baits; green scale finish..... 16.00
No. S-8509P—Heddon Baits; shiner scale finish..... 16.00
No. S-8500S—Heddon Baits; white, red and green spots.. 16.00

ZIG WAG.

The new Heddon Zig Wag bait with a duplex movement or two movements at the same time. The short flexible head gives the bait an erratic, darting or hesitating movement and at the same time it has a swishing tail moves ment. It is a new bait every time it is put in the water, due to its erratic character. It is action in a bait that lures the fish and this bait has just the attractive double action needed. Has glass eyes, full Heddon finish, secured nonrotating hook fasteners. Length of body, 4¼ inches; weight, ¾ ounces. An excellent casting lure.

Per Dozen

No. S-8302—Heddon Baits; white with red head.. .....$16.00
No. S-8309M—Heddon Baits; pike scale..... .... 16.00

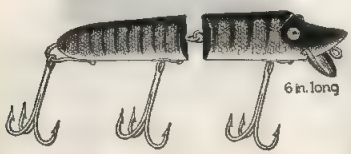
DOWAGIAC SURFACE.

Surface minnow. Weight 3/5 ounce; length of body 3½ inches. One double hook on bottom, one at tail. Nickeled collar.

Per Dozen

No. S-210RH—Heddon Baits; white body, red head....$16.00
No. S-210BH—Heddon Baits; white body, blue head.... 16.00
No. S-219B—Heddon Baits; frog coloration..... 16.00

JOINTED MUSKY VAMP.



In jointed form and shaped like a small pike minnow, 6 inches long.

Per Dozen

No. S-7352—Heddon Baits; white and red.....$24.00
No. S-7359M—Heddon Baits; pike scale finish.... ..... 24.00

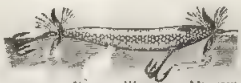
BABY CRAB.

This popular lure is practically snagless and weedless, yet deadly to fish. Attractive power due to excessive wiggling movement; double hooks; weight, ⅝ ounces; body length, 3⅛ inches.

Per Dozen

No. S-1900S—Heddon Baits; white body, red and green spots..... ... .$13.60
No. S-1902—Heddon Baits; white body, red eyes and tail. 13.60
No. S-1909C—Heddon Baits; imitation crab..... 13.60

THE NEW S. O. S.



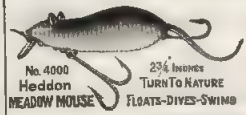
S.O.S.— Heddon Wounded Minnow Swims – On – Side

Imitating a wounded minnow, is strictly a surface bait with spinner action. Made in two sizes, the large size, No. 170, with three treble hooks, weighing about ¾-ounce, and the smaller size, No. 160 series, with two treble hooks, weighing about ½-ounce. Colors furnished as follows.

Per Dozen

No. S-162—Heddon Baits; red and white.....$16.00
No. S-169P—Heddon Baits; shiner scale..... 16.00

MEADOW MOUSE.



A "true to nature" bait, even to bead eyes and flexible ears and tail. Floats and swims with lively, teasing motion. A sure hooker under all conditions. One wide spreading double hook on body and single hook concealed in tail. Length, 2¾ ins. weight, ⅗ ozs.

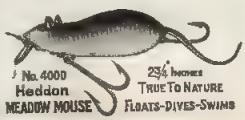
Per Dozen

No. S-4000BM—Heddon Baits; brown mouse.....$13.60
No. S-4000GM—Heddon Baits; grey mouse..... 13.60
No. S-4000WM—Heddon Baits; white and red..... 13.60

One dozen in a box.

HEDDON FUR-FINISHED MOUSE.

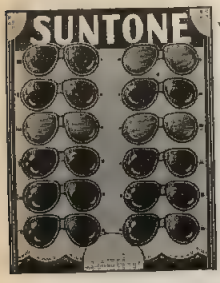
Life-like in shape, ears, eyes and tail, fur-finished coat of fur that duplicates a mouse's skin. Floats, dives when retrieved and swims lively. Regularly equipped with two treble hooks, but can be supplied with a double and single as illustrated. Weight, ⅗ ounce; length, 2¾ inches.



Per Dozen

No. S-F4000GM—Heddon Baits.....$16.00

GOGGLE ASSORTMENTS



Wide Vision Sport

Frames are Nickel Silver Flexible Self Adjusting Nose Rest; Wire, Optical Tubing Covered Temples, Riding Bow Style; Lenses are 2 x 2⅛ inches Full Curved in Amber, Smoked, Fieuzel, Sky Blue Assorted Colors; Twelve Goggles on a Card, without Cases.

Per Assortment

No. 6300—Weight per Card, 2½ lbs..... **$8.00**
One Card of Twelve in a Box

EXTRA GOGGLE OASES

For Sport Goggles. Made of Metal, with Spring Back; Green Colored Cover.

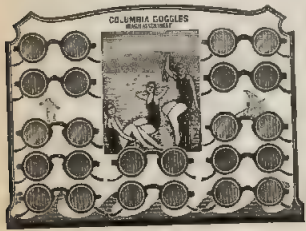
Per Dozen

No. 5GC—Weight per Dozen, 1¼ lbs... **$4.80**

Dark Mottled and Crystal Sheet Stock Frames, One Piece Fronts, Bar Bridge with Nose Pads, Pear End Comfort Temples; 1¾-inch Glass Lenses, Full Curved, Assorted Colors, Smoked, Amber, Fieuzel, Amethyst and Sky Blue; One Dozen on an Attractive Counter Card.

Per Assortment

No. 3342—Weight per Assortment, 2 lbs..**$3.80**
One Assortment in a Box

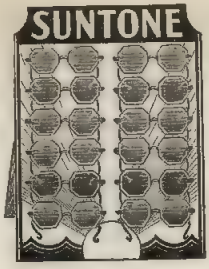


Dark Sheet Stock Frames, One Piece Fronts, Saddle and Oxford Bridge, Skull Fit Temples; 1¾-inch Glass Lenses, Assorted Colors, Amber, Fieuzel, Smoked and Amethyst; One Dozen on Attractive Counter Display Card.

Per Assortment

No. 3331—Weight per Assortment, 1½ lbs.**$3.80**
One Assortment in a Box

GOGGLE ASSORTMENTS



New Octagon Shape

New Octagon Shape Nickel Silver Frame. Bright Finished, Fiber Covered Earbows; Large Size Deep Curved Lenses in Assorted Colors, Amber, Fieuzel, Smoke and Blue. One Dozen on an Attractive Colored Display Card.

Per Assortment

No. 9091—Weight per Assortment, 2 lbs. .**$6.60**
One Assortment in a Box

SPORT GOGGLES

For Automobile Driving, Shooting, Golfing, Fishing, etc.

Special Shape Lenses; Adjustable Wide Nose Pad Bridge Fitted with Heavy Cable Temples, Special Folding Bridge, Extra Large Lenses; Conforms to Contour of the Face and Makes an Easy Wearing Goggle.

Gold Filled Frames

Nos.	Color Lenses	Weight per Dozen, lbs.	Per Dozen
400A	Amber	3	$26 40
400B	Blue	3	26 40
400F	Fieuzel	3	26.40
400S	Smoked	3	26 40

Twelfth Dozen in a Spring Top Case

Nickel Silver Frames

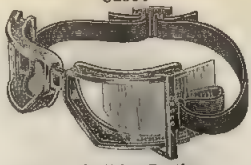
Nos.	Color Lenses	Weight per Dozen, lbs.	Per Dozen
900NA	Amber	3	$22 00
900B	Blue	3	22 00
900F	Fieuzel	3	22.00
900NS	Smoked	3	22.00

Twelfth Dozen in a Spring Top Case

NOTE:—One Attractive Display Card Furnished with Each ½ Dozen Gold Filled Goggles; or with Each Dozen Nickel Silver Goggles.

GOGGLES

CESCO



Wide Vision Goggles

An All-Purpose Goggle, Designed for General Use; It Affords Absolute Comfort to the Wearer and Unrestricted Vision; the Cups are Made of Metal with Perforations Covering the Entire Area; this Affords Much More Ventilation than is Ordinarily Found in the Average Goggle.

The Large Curved Lenses are Easily Interchanged by Means of a Hinged Door.

The Elastic Head Bands and Strap Bridge are Adjustable Cushioned with Rubber Binding.

Nos.	Color Lenses	Weight per Dozen, lbs.	Per Dozen
220A	Amber	2	$16.00
220C	Clear	2	13.50

Twelfth Dozen in a Box

EXTRA LENSES FOR ABOVE

Wide Vision Goggles

Nos.	Color Lenses	Weight Dozen Pair, lbs.	Per Dozen Pair
SL	Smoked	1⅛	$12.00
CL	Clear	1⅛	8.50

One Dozen Pair in a Box

Universal

Made with Metal Side Shields and Easy Cable Temples; Frame is White Metal and the Large Round Lenses, 1¾-inch Diameter; this is the Best Low Priced Side Shield Goggle in the World; Much Used by Mechanics to Protect Their Eyes from Flying Dust, Cinders, etc.

Nos.	Color Lenses	Weight per Dozen, lbs.	Per Dozen
N8S	Amber	1⅛	$9.60
N8SC	White	1⅛	9.60

One Dozen in a Box

RID-O-DUST, JR.
With Resistal Lens
Shallow Cup Style

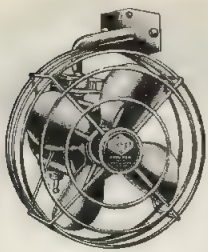
The Goggle is of Metal Construction; Light, Cool, Firm and Solid; the Strap is Adjustable and the Eye Cups Which are Faced with Sponge Rubber Fit Themselves Around the Eyes without Discomfort; the Bridge is Adjustable, Rubber Covered; Screw Cap Holds Lens in Place, Making Them Easy to Replace.

Per Dozen

No. 20T—Weight per Dozen, 1½ lbs. .**$48 00**
Twelfth Dozen in Metal Box

AUTOMOBILE FANS

EUREKA



Now with the Eureka Fan Comes the Last Degree of Automobile Comfort, a Refreshing Breeze at Your Command Whether Driving or Parking; The Discomforts of Stifling Heat, of Still Parched Days, when the Beating Sun Makes of To-Day's Closed Cars Veritable Ovens of Glaring City Streets, of Parking at Arid Country Clubs, at the Beach or Airport, the Discomforts of Hot Weather Driving Can Now be Ended with the Snap of a Switch which Brings a Gentle Breeze or a "30-Mile Gale" of Cooling, Refreshing Air, where and as you Want it.

Here is a thing the Motorists have Been Waiting for, Controlled Ventilation Whether Driving or Parking.

Adds to Safety of Winter Driving

The Eureka Fan Ends what is Probably the Greatest Hazard in Winter Driving, Steamed Windows and Windshield; It Assures Clear Glass on the Inside Without Opening Windows, Adds Materially to Comfort by Obviating the Need of Dangerous Drafts or Loss of Heat, Permits Clear Vision and Warmth at the Same Time; Every Closed Car, Every Truck Cabin Needs a Eureka Fan.

Easily Installed—Economical

Eureka Fans Attach Anywhere with Two Small Screws; They are Suspended on a Universal (Ball and Socket) Joint which Permits Fixing in any Position; They Run from the Regular Light Circuit and Draw Less Electricity than an Ordinary Parking Light; They are Equipped with a Switch, are Substantially Built and Beautifully Finished; Eureka Fans are Guaranteed Against Faulty Material or Workmanship for One Year.

Each

No. EAF6—6 Volt; Weight Each, 1½ lbs. **$7.70**

One in a Carton

FENDER GUIDES

Modern Car Design, with Its High Hoods and Radiators and Low Seating, Present a Driving Hazard as the Fenders cannot be Seen by the Driver.

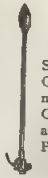
A Set of Fender Guides Represent the Cheapest Form of Fender Insurance. Driving is Made Easier with the Possibility of Side-Swipes and Scrapes Eliminated. You can Pass Cars Safely and Sight Your Way Through Traffic Jams, Close Places and Narrow Garage Doors as a Glance at the Fender Guides Gives Your Exact Clearance.

Finishes are Full Chromium Plate. The Patented Attachment is Rubber Padded to Protect the Fender Finish and Serrated V-Blocks Securely Hold the Fender Guide to the Outside Edge of Fender without Denting or Damaging Fenders, Leaving No Mark When Removed; Chromium Plated and Red Onyxoid Top; 12 inches Long.

Each

No. 230/0—Weight Each, 4 ozs. **$1.60**

One in a Box



Illuminated Type

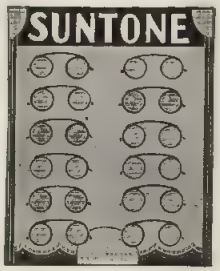
The Illuminated Type are Made the Same as the Non-Illuminated Fender Guides, Except they are Wired for Connecting to Battery or Car Wiring and are Complete with Bulb, Illuminated; Amber and Black Onyxoid Head; Chromium Plated; 12 inches Long.

Each

No. 230/L—Weight Each, 6 ozs. **$2.20**

One in a Box

GOGGLE ASSORTMENTS



Over Clips

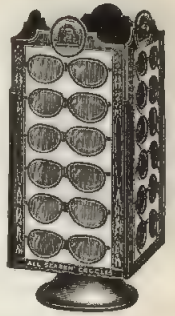
For Use with Spectacles, Clips Over Edge of Regular Spectacles; Frames are Nickel Silver; Glass Lenses, 1⅝ inch Full Curved, Assorted Colors: Amber, Smoked, Fieuzal and Blue; G enuine Leather Cases, with Snap-Button Fasteners; Assortment of One Dozen Goggle on an Attractive Counter Card.

Per Assortment

No. 0411—Weight per Assortment, 1½ lb. **$6 00**

One Assortment in a Box

GOGGLE ASSORTMENTS



REVOLVING DISPLAY RACK

A Substantial Steel, Revolving Display Rack Finished in Dark Green, and One Panel of Six Goggles of Each of the Four Numbers Described Below. After the Purchase of the Original Unit Display, it is Only Necessary to Purchase the Panels as they Are Needed.

4 Panels as Follows.

C-25—6 Goggles on a Panel, Shell Stock, One Piece Fronts, Assorted Saddle and Oxford Bridges, Skull Fit Temples, 1¾ inch Full Curved Glass Lenses, Assorted Colors.

C-50—6 Goggles on a Panel, Mottled and Crystal Stock, One Piece Fronts, Assorted Saddle and Oxford Bridges, Skull Fit Temples; 1¾ inch Full Curved Glass Lenses, Assorted Colors.

C-75—6 Goggles on a Panel, Heavy Mottled and Crystal Stock, One Piece Fronts, Bar Bridge and Nose Pads, Pear End Temples; 1¾ inch Full Curved Lenses, Assorted Colors

C-100—6 Goggles on a Panel, Sport Style, Mottled and Crystal Stock, Flexible, Self Adjusting Nose Rest, Wire Optical Tubing Covered Temples, Riding Bow Style; 2x2⅛ inch Full Curved Glass Lenses, Assorted Colors; One Leatherette Case for Each Pair of Goggles on C100 Panel.

Per Assortment

No. 3384—Display Rack Unit Complete with Four Panels, Two Dozen Goggles as Shown Above Weight per Assortment, 7 lbs. **$15.70**

One Assortment in a Box

REFILL PANELS
For No 3384 Assortment

Per Panel of 6 Goggles

No. C-25—As Listed Above. **$2.20**

No. C-50—As Listed Above. **3.50**

No. C-75—As Listed Above. **5.30**

No. C-100—As Listed Above. **7.30**

Weight per Panel of Six Goggles, 1 lb.
Two Panels in a Box

At the Toy Fair

See the TARZAN ARCHERY DISPLAY

in

our showrooms

A sure-fire hit with boys and girls. Ideal for outdoor use and indoor playrooms. This exciting sport grows more popular every day. Sets complete with bow, arrow and bull's-eye, a true replica of adult equipment.

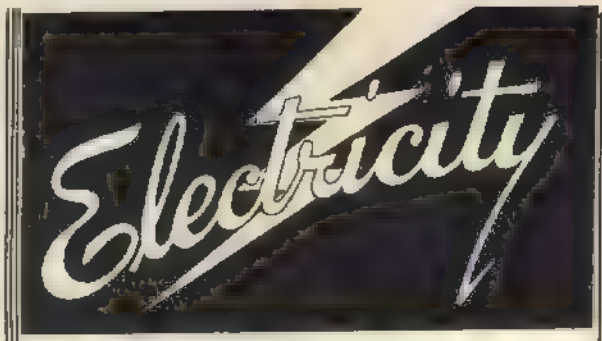
TO RETAIL AT
$1.00 to $2.50
PER SET

See these sets before you plan your stock

ON DISPLAY WITH

A. H. DELFAUSSE
Room 448
200 Fifth Avenue

The ARCHERS COMPANY
(Division of The Horton Mfg. Co.)
Bristol, Conn.



MAKES TOYS SELL

THERE is no question about it. The whole tendency has been toward electrified toys. The Toy Fair showed it again. Everywhere electrified toys sell where others simply don't move.

Bond experience in devising ways of putting the life of electricity into toys is available to you. It covers a wide field. It finds ways of keeping production costs down. It knows how to insure trouble-free operation. No matter what your toys are, even if you cannot imagine how they might be electrified, see what Bond could suggest. You have nothing to lose, much to gain.

FOR ALL ELECTRIFIED TOYS

BOND
Mono-Cell Flashlight Batteries

SEE OUR EXHIBIT AT THE TOY SHOW,
ROOM 844, HOTEL McALPIN

The Bond safety seal stops waste of power, therefore means long useful service out of every cell. New catalog shows 51 startling new Bond flashlights and batteries in sales making dress, in self-selling packages that are setting brand new sales standards from coast to coast. Write for copy.

BOND ELECTRIC CORPORATION
257 CORNELISON AVE., JERSEY CITY, N.J.
BRANCHES AND WAREHOUSES CONVENIENTLY LOCATED

USE THE COUPON

Send Catalog and let's discuss electrifying our

Name . . . . . .

Co. . . . . .

Address 4P5
BT-3197

COASTER WAGONS.

STEELTOY ALL STEEL.

Heavy sheet steel, reinforced with beads; large roll on top and bottom; heavy one piece bottom; channel steel gear, well braced to body; steel tube handle with steel loop grip; double disc type wheels, nickel plated hub caps; Indian red body, wheels and handle; attractive cream panels and black gear.

Each

No. S8-69—Coaster Wagons; box, 11½x24x3 inches; wheels, 5½ inches; tires, ½-inch; weight, 10 lbs. ..... **$2.50@**

Two in a carton.

TAXI CAB JR. ALL STEEL.

Body, auto body steel; embossed paneled sides; large roll around top and offset panel around bottom of sides. Heavy steel geer; axles non-turnable in bolsters. Double disc wheels, plain bearing; special designed tires; jumbo balloon hub caps. Tubular steel handle. Finish, baked durable enamel, box red with cream panel, wheels red decorated cream, gear and handle black.

Each

No. S8-2612—Coaster Wagons; box, 13x27½ inches; wheels, 7 inches; tires, ¾-inch; weight each, 21 lbs. **$3.50**

One in a carton

COMMANDER ALL STEEL.

Heavy auto body, steel with large roll around top and bottom. Bottom corrugated. Embossed double beaded sides. Under gear, bolsters, heavy channel steel. Braced wide. Axles non-turnable in bolsters. Double disc roller bearing wheels; rubber tires. Tubular steel handle. Finish, red decorated green cream.

Each

No. S8-2863—Coaster Wagons; box, 15½x33½ inches; wheels, 10 inches; tires, 1-inch; weight each, 35 lbs.
Lots of 3 or more **$5.00@**
Less **5.20@**

One in corrugated carton.

Each

No. S-101—Extra Wheels; for above **$0.90**

TAXI CAB ALL STEEL.

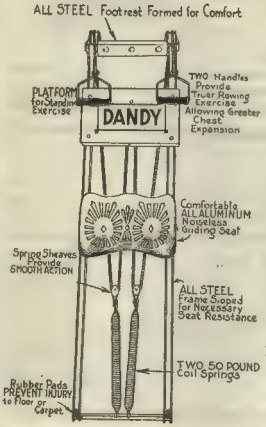
Auto body steel; embossed paneled sides, double beaded. Oversize roll around top and bottom of sides; embossed bottom; especially designed gear, made of extra heavy steel. Front gear turns on fifth wheel. All steel brake with rubber roller. Braces wide. Axles non-turnable in bolsters. Garton 12-spoke artillery type, all steel automobile wheels; non-blooming black auto tread tires. Super jumbo hub caps. Tubular steel handle equipped with rubber guard. Finish, baked durable enamel, gray body with red trim and gears.

Each

No. S8-2833—Coaster Wagons; box, 15½x33½ inches; diameter wheels, 10¾ inches; size tires, 1⅛ inches; weight each, 43 lbs. ..... **$9.20@**

One in a carton.

Rowing Machine Exercisers


ALL STEEL Foot rest Formed for Comfort
PLATFORM for Standing Exercise
DANDY
TWO Handles Provide True Rowing Exercise Allowing Greater Chest Expansion
Comfortable ALL ALUMINUM Noiseless Gliding Seat
Spring Sheaves Provide SMOOTH ACTION
ALL STEEL Frame Sloped for Necessary Seat Resistance
TWO 50 POUND Coil Springs
Rubber Pads PREVENT INJURY to Floor or Carpet

The Dandy

All Steel Frame Construction

The Dandy Exerciser has long been placed on the market to fill a long felt need for an inexpensive means for indoor exercise. The frame is constructed entirely of steel, rigidly welded. Side rails are structural steel channels designed with the proper slope to provide the necessary seat resistance. Steel foot rest of comfortable shape. Entire frame finished in blue metalustre. Large wooden pulleys, scientifically designed and located with reference to the malleable iron spring sheaves, assure an even pull in almost all directions. Wood grip swivel handles. Two fifty pound nickel plated coil springs are provided which allow a vertical pull of sixty inches for standing exercises. All aluminum seat provided with noiseless rubber tired rollers, assures easy gliding and comfort. Machine cushioned with six rubber bumpers to prevent scratching floors.

No. 10R54. Each..... **2.75**

The Challenge

with Aluminum Front and Platform

The Challenge Exerciser has an all steel frame construction which has been finished in green metalustre. It is provided with an all aluminum front and platform which are polished and buffed. Handle frames are made of cast aluminum and provided with wood grips. Aluminum seat is highly polished. Equipped with four thirty-pound nickel plated coil springs with wood roller rope sheaves, making a practically noiseless but smooth acting combination. The method of attaching springs to sheaves and back cross members is such that immediate and easy changes can be made when it is desired to use on two springs.

No. 10R55. Each..... **4.85**

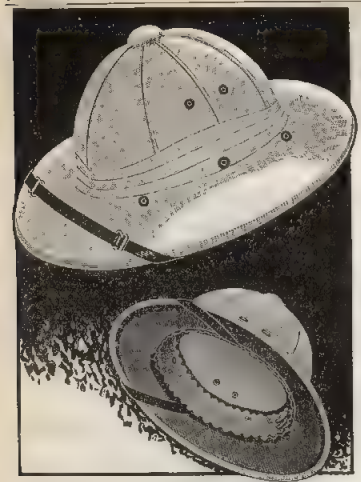
SUN HATS

HAWLEY TROPPER

These Sun Hats have the following Desirable Qualities:

1. Comfort.
2. Sun Protection.
3. Utility.
4. Style and Appearance.
5. Price or Value.
6. Waterproofed.
7. Adjustable Head Size.

The Foundation of the Hawley Tropper Hat is Hawlite, a Scientific Product of High Insulating Value. By an Ingenious Four Point Suspension of the Hat Band, the Crown of the Hat Becomes Literally "a Floating" Sun Shade. Cool Air Passing Up Under the Hat Evaporates Perspiration.



HAWLEY TROPPER

Hawlite Cover with Fine Quality Linen Weave Cotton Cloth. Underside of Visor Lined with Green Cloth; Inside of Hat Lined with Brown Cork; 1¼-inch Leatherette Head Band; Ten Ventilating Eyelets; Adjustable to Head Sizes 6½ to 7½; Adjustable Leather Chin Strap; Weight Each, 6½ ozs.

	Per Dozen
No. HW150—Oyster Shell White	**$24.00** 18 00
No. HK150—Khaki Color	**24.00** 18.00

One Dozen in a Carton; Weight per Carton, 8 lbs.

We Will Not Break Cartons

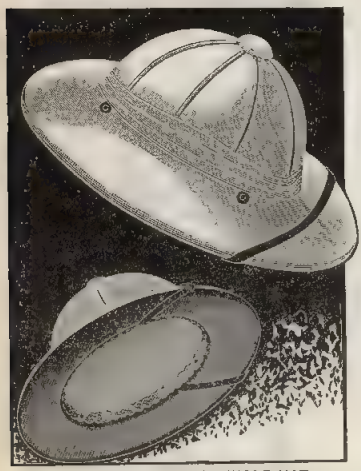
HAWLEY TROPPER

Hawlite Cover with Good Quality Helmet Cloth; Underside of Visor and Inside of Hat Lacquered; Adjustable Head Band; Adjustable Leatherette Chin Strap; Weight Each, 5¼ ozs.

	Per Dozen
No. HW100—Oyster White Color	**$16.00** 12 00
No. HK100—Khaki Color	**16 00** 12.00

One Dozen in a Carton; Weight per Carton, 8 lbs.

We Will Not Break Cartons



HAWLEY JUNGLE HAT

Made of Molded Hawlite; Outer Surface Lacquered; Under Visor and Inside Lacquered; Adjustable Leatherette Head Band, ⅝ inch Wide; Supplied with Chin Strap; Weight Each, 4½ ozs.

	Per Dozen
No. HW50—Oyster White Color	**$8.00** 6 00
No. HK50—Khaki Color	**8.00** 6.00

One Dozen in a Carton; Weight per Carton, 7½ lbs.

We Will Not Break Cartons

The Hawley Tropper and Jungle Hat is the Ideal Summer Hat for Every Purpose—for Wear Upon the Street, for Sports Wear, for Motoring, for Work in the Out-of-Door—on the Farm, in the Garden, for Railway Workers and Road Workers.

HAWLEY JUNGLE HAT

Made of Compressed Wood Fiber Resembling Gray Felt; Adjustable Elastic Head Band for All Sizes; No Chin Strap; Weight Each, 3¼ ozs.

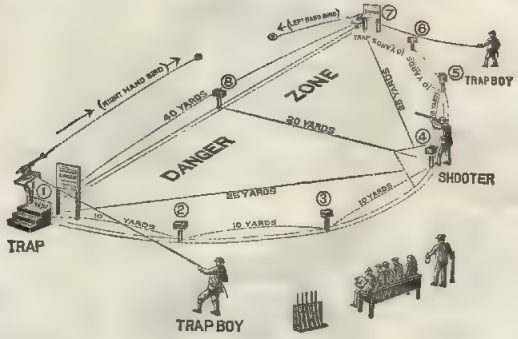
	Per Dozen
No. HW25—Gray Color	**$4.00** 3 00

Three Dozen in a Carton; Weight per Carton, 1¼ lbs.

We Will Not Break Cartons

SKEET

The New Game of Trap Shooting



Layout of SKEET Grounds

Skeet Requires Two Skeet Traps—A Piece of Waste Land over Which to Shoot—An Auto to Take You, Your Friends and the Skeet Traps There. Skeet Like Golf is a Game of Sporty Chances. Full of Bunkers and Hazards. Skeet gives the Shooter Problems in Wing Shooting the Same as he Actually Encounters in Hunting.

In conducting a game of ***Skeet*** the following method is used. First shooter steps to Station 1 and the target is released from Trap 1. This gives the shooter a so-called "Straight-away" shot and is known as 1R on the Score Card. As Soon as the Shooter has Reloaded His Gun, a Target is Released from Trap 7. This shot is known as an "Incoming" Because of its Coming Towards the Shooter and is Recorded on the Score Card as 1L. Two Shots are Fired from Station 1 by Each Shooter, then he Moves to Station 2. As Soon as he Takes his Position at Station 2, Target is Released from Trap 1. Another Target is Released from Trap 7. He then Moves on to Stations 3, 4, 5, 6 and 7. Then, to Complete the Program, Shooter Goes to Station 8 Which is in the Center of the Grounds and Shoots at One Target from Both Trap 1 and 7. These are the hardest shots on the Program. Now Comes the Doubles from Stations 1, 2, 6 and 7. In Shooting Doubles, 2 Shells are Put Into the Gun and Both Traps are Pulled at the Same Time. The Shooter Shoots at the Going Away Target First and the Incomer with the Second Barrel. The Total Number of Shots up to This Point is now 24 and to Round Out the Program, the Shooter has an Optional Shot which may be Taken from any Regulation Station or Either Trap. He will naturally Choose the Shot he Considers the Easiest in Order to Bring up His Score.

Skeet Means Increased Sales of Shells, Targets and Traps

PUSH IT

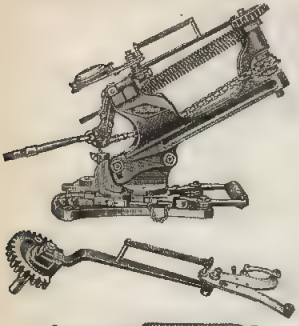
Score Sheets for Skeet in Lots of Twenty-five
Can be Had by Sending 10c in Stamps to

HUNTING AND FISHING MAGAZINE

275 Newbury Street, Boston, Mass.

TARGET TRAPS

NEW WESTERN MAGIC ANGLE



An Improved Form of Famous Western Automatic Trap; Rotates Targets at All Angles and Under All Conditions; a New Mechanical Base Automatically Changes the Angles After Every Shot; It Has No Regular Cycle, Making it Impossible to Guess or Anticipate the Angle at Which the Next Target will be Thrown; Doubles Attachment with Every Target.

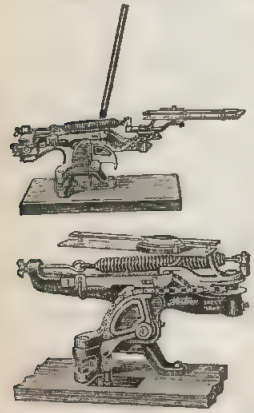
Each

†No. MAT—Weight Each, 176 lbs....$115 50

One in a Box

SKEET OUTFITS

WESTERN



Outfit Consists of Two Western Skeet Traps and Single Control Lever. These Traps Are Designed for Speed and Durability Needed for Skeet Shooting Will Shoot Any Standard Make of Target.

Per Set

†No. WSO—Weight per Set, 180 lbs...$115.50

One Set in a Case

CLAY PIGEON TRAPS

BLUE ROCK EXPERT

For Throwing Blue Rock Targets

Cast Iron Base; Malleable Iron Arms; Painted Black; Tempered Steel Springs; Stamped Steel Carriers with Rubber Buffers; Can be Operated by Rope or Electric Pull; Adjustable for Height and Angle For Which Target is to be Thrown.

Each

No. 40—Weight Each, 26¼ lbs.....$19.00

One in a Case

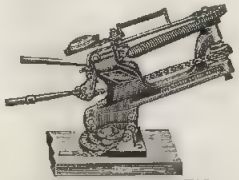
WESTERN PRACTICE

The New Light Weight Western Practice Trap Has a Carrier Similar in Design to the Carrier of the Western Automatic Trap; Made of Steel with Patented Rubber to Impart High Rotary Motion and Also Delivers the Target at a Steady Uniform Speed; Trap Can be Made to Throw Targets at Any Desired Angle; Staunchly Built of Best Gray Iron, Malleable Arm and Elevation Adjustment Lever.

Each

†No. PT—Weight Each, 16 lbs.....$15.50

One in a Case



WESTERN AUTOMATIC

This Trap is Controlled Automatically, Both in Setting and Releasing; Every Part is as Near Mechanical Perfection as Invention and Improvement Can Make It; The Carrier Throws the Target with a Rapid Rotation, the "Bird" Travels Evenly, and if Missed Falls Flat, Allowing a Larger Percent of "Pick Ups." Cast Iron Base; Malleable Iron Arms; Tempered Steel Springs Adjustable for Height and Angle for which Target is to Be Thrown; Operated by Lever and Iron Rod

SINGLE MODEL Each

†No. SAT—For Throwing One Bird...$88 00

One in a Case

DOUBLE MODEL Each

†No. DAT—Equipped with Attachment For Throwing Two Birds.....$99.00

One in a Case

CLAY PIGEON TRAPS

WESTERN HAND TRAP

Enables an Individual to Throw Targets by Hand; One Can Throw Easy Targets for the Beginner, or Difficult Targets for the Skilled Shot; Can be Used Anywhere and at Any Time; There Is No Limit to the Variety of Possible Shots that Can be Obtained; A Trap Which Offers Friendly Competition, and a Chance for Children and Friends to Learn as Well as Offering a Lot of Practice for Yourself; Small Enough to Fit into a Handbag, Yet it Utilizes the Same Type of Carrier Found on the Famous Western Automatic Trap.

Each

No. WHT—Weight Each, 1¼ lbs.....$3.50

One in an Individual Carton

CLAY PIGEONS

WHITE FLYER

For Western Automatic Traps; Every Record of Importance in Trap Shooting Has Been Made on White Flyer Targets.

Per Container

No. 5C—White Circle on Black Background; 135 in Carton; Two Cartons to a Container; Weight per Container, 62 lbs.....$5.00

We Positively Do Not Break Containers

BLUE ROCKS

Per Crate

No. 3C—135 in Carton; Four Cartons to a Crate; Weight per Crate, 116 lbs....$10.00

We Positively Do Not Break Crates

Note—Write for Special Prices for C/L Shipments to Gun Clubs.

Items Marked † Not Carried in Stock; Can Only Be Furnished by Shipping Direct from Factory, F. O. B., East Alton, Ill.

The NEW Racing-Craft Sailboat Kits

For building real boat models that sail just like a racing yacht, with attractive display board *free*. This popular line of boats, now NATIONALLY ADVERTISED, is always a steady year 'round seller. *New* refinements . . . *new* improvements such as more completed parts . . . *new* easy-to-follow instructions . . . give added salespower. The exclusive Thornecraft step-up hull, ready-shaped and hollowed, makes these boats easier to build than any other. Merchandising assistance such as novel displays, demonstrations, and contests. Generous profits. The new improved Racing-Craft line merits your serious consideration.

Buck Rogers Strat-O-Sphere Balloon

Be sure to see the new Buck Rogers Balloon. The promotional item of the year.

A complete outfit attractively packaged, containing gas generating ingredients to fill the imprinted balloon with Buck Rogers "Anti-Gravity" gas. A postcard with stamp affixed is attached to the balloon. When the balloon lands after the Strat-O-Sphere flight the finder of the postcard mails the card back to the sender

The Rotoboat

This startling new type of sailboat has attracted nearly everyone's attention. They all want to see it in action. Be sure to see it at the Fair. Sold complete and ready to sail, it carries a revolving metal mast instead of the conventional cloth sail, which spins in the wind with terrific speed and a humming sound. Thus by a simple principle of aero-dynamics the boat sails across the wind, in either direction, actually making greater speed than other sailboats of its size. The first toy boat with an ultra-modern *streamlined* hull. An immensely popular item. Sells on sight.

America's Cup Defender

One of the most beautiful scale model kits ever built. Marvelous for display. At a ridiculously low price the purchaser receives a complete outfit with the exclusive easy-to-carve step-up hull for building an authentic scale model of the famous International Cup Defender Racing Yacht. The introductory kit for the Racing-Craft line. Fast moving. Highly profitable. FREE attractive display board.

NATIONALLY ADVERTISED

THORNECRAFT, INC., 2518 MONTROSE AVE., CHICAGO

THORNECRAFT

DIVISION OF CONSTRUCTION KITS TOYS and NOVELTIES

At New York Fair—Suite 810-12, McAlpin—M. I. Baron

NEW YORK
J. WARREN WILEY

CHICAGO

SAN FRANCISCO
K. L. STEDMAN

THE NEW

AUBURN AUTO STEERING WAGONS

Kant Tip

AUTO STEERING WAGON

Every wagon in the line built of

SOLID OAK and STEEL

IT WON'T TIP OVER!

The wagon that steers like an automobile!
The wagon that can't tip!
The wagon having solid oak bodies!
The wagon that is absolutely non-competitive!
The brand new practical idea in wagons!
The wagon that instantly appeals to boys!
The wagon made in sizes to meet all needs!
The "safety first" wagon!
The wagon on which profit can be maintained!
The wagon without fifth wheel construction!

SIXTEEN STYLES
AND SIZES

PERMANENT NEW YORK DISPLAY

ROOM 451—FIFTH AVENUE BUILDING

200 FIFTH AVENUE

MAURICE LONG, Representative

MANUFACTURED BY

UNITED STATES TOY COMPANY

7318 HAMILTON AVENUE, DETROIT, MICHIGAN

Chicago Salesroom, Merchandise Mart

RIFLE CLEANERS

22 Caliber; Ring Handle; Length 29 inches; End Slotted and Notched.

Nos.	Kind Wire	Weight per Dozen, lbs.	Per Dozen
S22	Coppered Steel	1½	$1 00
BS22	Solid Brass	1¾	5 00

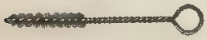
One in a Bundle

Twisted Coppered Steel Wire, with Bristle Brush; 22 Caliber, Length 27 inches.

Per Dozen

No. T22—Weight per Gross, 12¾ lbs.....$1.10
One Dozen in a Bundle

REVOLVER CLEANERS



Twisted Coppered Steel Wire; with Bristle Brush; Length, 8 inches.

Nos.	Revolver, Caliber	Weight per Gross, lbs.	Per Gross
TR32	32	4½	$12.50
TR38	38	4½	13.50

Loose

ANTI-RUST ROPES

MARBLE

For Shotgun Barrels

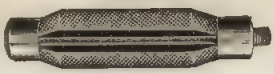
When Saturated with Oil, These Ropes Exclude All Air and Moisture and Makes it Absolutely Impossible for Barrels to Rust or Become Pitted: They Are Longer Than Barrel and Larger Than Bore; This Insures Constant Pressure of Oil Against Entire Circumference of Bore at All Times; One Oiling Will Last a Year; to Saturate Place Rope in a Receptable and Pour on Oil Until Rope is Saturated, Then Wring Out as Dry as Possible; There Will be a Sufficient Amount of Oil Remaining in Rope to Keep Barrel From Rusting.

Nos.	For Guns Gauge	Weight per Dozen, lbs.	Per Dozen
141	12	2½	$10.80
142	16	2¼	10.80
143	20	1¾	10.80

Twelfth Dozen in a Carton

SHOTGUN CLEANERS

UNION



A Practical Remover of Lead and Dirt; Brass Wire Gauze Cloth on Wood Forms; Steel Springs to Force Cleaning Surfaces into All Parts of Gun Barrel; Nickel Plated Ferrules, Will Not Scratch or Injure the Finest Barrels.

Nos.	For Guns, Gauge	Weight per Dozen, lbs.	Per Dozen
T512	12	1½	$8.40
T516	16	1¼	8.40
T520	20	1¼	8.40
T410	410	1¼	8.40

Twelfth Dozen in a Box With Two Extra Pads; One Dozen Boxes in a Container.

UNION
WOOL SWABS

Red Wool; Polished Brass Head.

Per Dozen

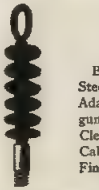
No. 202E—Weight per Dozen, 4 ozs.....$2.40
Three Dozen in a Box

UNION
SCRATCH BRUSHES

Bright Steel Wire; Polished Brass Head.

Per Dozen

No. 212E—Weight per Dozen, ¾ lb..... $1.80
Three Dozen in a Box



UNION
BRUSHES

Brass Wire Brush with Twisted Steel Core; Brass Shank and Tip: Adaptable to All 12 Gauge Shotgun Cleaning Rods and Field Cleaners; Removes Rust, Lead, Caking, etc. Will Not Injure the Finest Shotgun Barrels.

Per Dozen

No. 248B—Weight per Dozen, 1 lb.....$9 00
One Dozen in a Box

UNION
EXTRA SLOTS
For Flannel Wipers

Brass Wire Slot; Solid Brass Head; Threaded.

Per Dozen

No. 232E—Weight per Dozen, ½ lb..... $1.70
Three Dozen in a Box

LUBRICATING OILS

For Guns, Revolvers, Bicycles, Sewing Machines, Scientific Instruments, Fine Machinery, Etc.

THREE-IN-ONE
In Bottles
Lubricates
Prevents Rust
Cleans

Nos.	Bottles, ozs.	Wt. Doz., lbs.	Doz. in Box	Doz. in Case	Wt. Case, lbs.	Per Dozen
B1	1	3	2	24	80	$1.90
B3	3	6½	1	12	84	5.50
B8	8	16½	1	6	112	10.40

THREE-IN-ONE
In Cans

With Detachable Self-Sealing Spout; This Can Slides Easily Into the Hip Pocket and is Convenient for the Use of Hunters, Sportsmen, Shavers, Autoists, Mechanics, Carpenters and Machinists.

Nos.	Cans, ozs.	Wt. per Doz., lbs.	Wt. per Case, lbs.	Per Dozen
HC1	1	2	45	$3.00
HC3	3	4	107	5.50

One Dozen in a Box;
Twenty-four Dozen in a Case

Gallon Cans — Each

No. C4—Weight Each, 10 lbs.....$9.00
Six Cans in a Case

WIZARD
HONOR BRITE

This Lubricating Oil is of High Quality Pure Mineral Oil; Lubricates, Cleans and Prevents Rust; For Use on Guns, Revolvers, Sewing Machines, Typewriters, Locks, Hinges, Razors, Tools, Etc.

Per Dozen

No. 98—3-Ounce Handy Spout Can; Weight per Carton, 13 lbs.....$2.00
Packed Two Dozen in a Carton

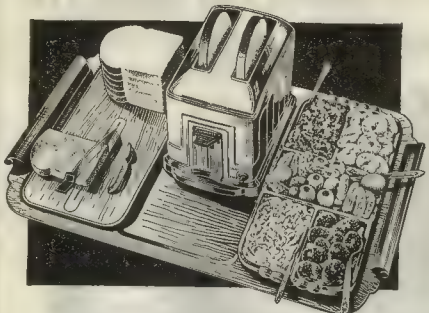
SPRING EEZ
DISPLAY BOX
ASSORTMENT

A Very Neat and Attractive Assortment for the Show Case; Contains Twelve of the Handy 3 oz. Flat Cans.

Per Can

No. SEA—Weight per Dozen, 2½ lbs..$0 25 .30
Twelve Cans
in a Display Carton

1935 Model Toastmaster • WITH FLEXIBLE CLOCK AND NEW TRAY



TWO SLICE TOASTMASTER with Hospitality Tray

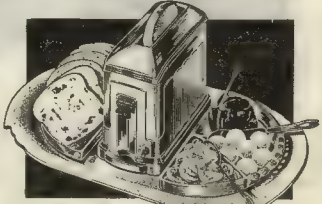
The new Hospitality Tray has greater richness of appearance and is more convenient to use. The wood is especially processed to resist alkalis and acids. Assorted finishes of Walnut, Mahogany and Sycamore, which can be washed. Cutting block matches tray. Five compartment glass dish. Two-slice Toastmaster in Chromium plate, with flexible clock completes the outfit. Specify finish of Tray desired.

TWO-SLICE TOASTMASTER—TRAY

		Each	In lots of 3 Each	In lots of 6 Each
No. 52G7.	Toaster complete with Hospitality Tray	14.00	13.30	12.60
No. 52G2.	Toaster (without Tray)	10.67	10.14	9.60
No. 52G4.	Hospitality Tray (without Toaster)	5.67	5.38	5.10

SINGLE SLICE TOASTMASTER WITH BREAKFAST TRAY

The Breakfast Tray is of wood in assorted finishes of Walnut, Mahogany and Sycamore, which can be washed and is alcohol-proof. Two glass dishes are provided—one for butter, marmalade, etc., and the other for sliced breads. This Tray accommodates only the 1 slice Toastmaster which is Chromium plated and has flexible clock. Specify finish of Tray desired.



SINGLE-SLICE TOASTMASTER—TRAY

		Each	In lots of 3 Each	In lots of 6 Each
No. 52G6.	Toaster complete with Breakfast Tray	10.00	9.50	9.00
No. 52G1.	Toaster (without Tray)	7.67	7.29	6.90
No. 52G5.	Breakfast Tray (without Toaster)	4.00	3.80	3.60

AUTOMATIC WAFFLEMASTER

Completely automatic. Makes waffles entirely without the use of grease.

Its automatic mechanism contains the well-known Toastmaster features including a positive mechanical control which cuts down the current and stops the baking automatically, producing uniform waffles.

After the waffle is removed, low heat continues to keep the grids sufficiently warm.

A removable easily cleanable ring about ¾ of an inch wide rests around the lower grid to catch overflow batter

The Wafflemaster is finished with the finest chromium plate.

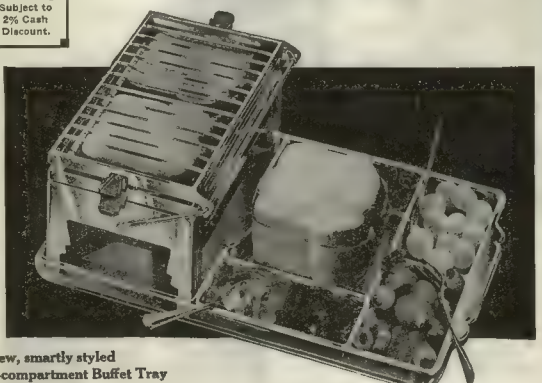
No. 52G3. Each 9.67
In lots of 3. Each 9.19
In lots of 6. Each 8.70

Prices on this page subject to 2% Discount

Sunbeam Flat Toaster and Buffet Tray

Prices on this Page Subject to 2% Cash Discount.

The toaster ideally suited for use with the tray because it not only toasts bread (2 slices at a time) but also sandwiches (2 at a time), rolls, appetizers, muffins, etc.



New, smartly styled 5-compartment Buffet Tray

Sunbeam Sandwich Toaster and Buffet Tray combination Toasts two slices bread or two sandwiches at one time. 11½ inches long, 6½ inches wide, 4 inches high, chromium plated Turns bread or sandwiches easily without the user touching the hot toast has the PATENTED turnover rack Can also be used as a table stove by simply tipping back the rack The practical toaster, silent, sturdy, beautifully finished in chrome plate. Comes with the new one-piece 5 compartment, crystal-clear glass tray, 17x14 inches wide. Compact size, easy to use, takes up little space on breakfast or coffee table. Tray not sold separately.

No. 4G10. Per set complete..... 3.97

3½ lb. *Sunbeam* Ironmaster

FULL SIZE—BUT HALF AS HEAVY

Sunbeam Ironmaster. This is the full-size but only half-as-heavy iron that is guaranteed faster, better and easier than any 5 or 6 lb. iron made. The iron that is light and swift and better for everything from lacy lingerie to heavy damp sheets. The secret is this: Ironmaster has fast heat—and countless home tests prove that heat, not weight or pressing effort, does the ironing. Also—Ironmaster has the patented lightweight bottom plate that heats up faster, holds heat better and has the hard, flawlessly smooth surface. So light, so perfectly balanced, so much extra, controlled heat, ironing is twice as easy with Ironmaster. Fully automatic—instantly set to any heat desired, and an off position that does away with the necessity of pulling the plug to disconnect the current. Chrome plated top, bottom and all over.

No. 4G7. Each 4.52

6-lb. Sunbeam Master Automatic Iron. For those people who still prefer 6 lb. irons Sunbeam offers this Master Automatic Iron. Chromium plated and equipped, like the Ironmaster, with Sunbeam patented free-acting thermostat. Can be set for any temperature desired.

No. 4G2. 600 Watts. Each 4.52

No. 4G8. 1000 Watts. Each..... 4.52

WOOD SAW BLADES

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT. OFFICE

Polished; Highest Grade Steel; Carefully Tempered, Ground, Set and Sharpened; Bowed or Breasted.

Plain Tooth; Size, 30x2 inches

Per Dozen

No. DE60—Weight per Dozen, 6⅝ lbs...$7.50

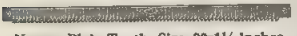
Half Dozen in a Package

Champion (Tuttle) Tooth; Size, 30x2 inches

Per Dozen

No. DE65—Weight per Dozen, 6⅝ lbs.. $9.80

Half Dozen in a Package



Narrow Plain Tooth; Size, 30x1¼ inches

Blued Steel, Straight Blade, Highest Grade; Set and Sharpened

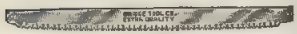
Per Dozen

No. DE40—Weight per Dozen, 5½ lbs...$6.30

Half Dozen in a Package

*SHAPLEIGH'S Bridge

REG. IN THE U. S. PAT. OFFICE



Champion (Tuttle) Tooth; Size, 30x1¾ inches; Polished Extra Quality Steel; Set and Sharpened

Per Dozen

No. B50—Weight per Dozen, 6 lbs.....$8.80

Half Dozen in a Package

Narrow Plain Tooth; Size, 30x1¾ inches; Blued Steel, Straight Blade; Extra Quality; Set and Sharpened

Per Dozen

No. B30—Weight per Dozen, 5¾ lbs.....$6.00

Half Dozen in a Package

DISSTON

High Grade Steel; Tempered, Set and Sharpened

Thin Back, Polished Plain Tooth; Size, 30x2 inches; Bowed Blade

Per Dozen

No. 26—Weight per Dozen, 5½ lbs.....$8.40

One Dozen in a Package

Blued Steel; Narrow Plain Tooth; Size, 30x1¾ inches; Bowed Blade

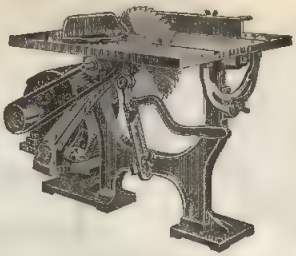
Per Dozen

No. 45—Weight per Dozen, 4½ lbs.....$8 00

One Dozen in a Package

POWER BENCH SAWS

TOBRIN



With Saw

Designed to Rip, Cross Cut and Miter Fibrous Materials Up to 3¼ inches Thick; Will Rip Up to 10½ inches Width with Cutting Fence Attached.

Equipped with 10 inch Combination Saw; Endless Belt; ½ H. P. 110/220 Volt 60 Cycle A. C. Single Phase Motor; 10 feet Cord and Universal Plug; Can be Attached Anywhere; Control Switch Conveniently Located on Front of Table Base; Furnished with Rip and Cut-Off Fence; Cut-Off Fence Adjustable to Any Angle; Bearings Are of Bronze Metal; ¾ inch Shaft with Wool Packed Oil Well, Assuring Positive Lubrication.

Table Will Tilt 45° to the Right and 20° to the Left, with Graduated Degrees on Bracket on Front of Table; Taper Pin Holds Table in Place When Indicator is at Zero; No Occasion for Leveling the Table; the Hand Lever Raises or Lowers the Saw Instantly; For Grooving, Has Removable Throat 2 inches Wide. for Dado Work Up to ⅝ inch.

Specifications

Table Dimensions, 18x22 inches; Height Over All, 18½ inches; Width Over All, 23 inches. Length Over All, 34 inches; Diameter of Blade, 10 inches; Depth of Cut, 3¼ inches; Speed of Saw Blade, 3600 R. P. M.; Speed of Motor, 1750 R. P. M.; ½ H. P., 110/220 Volt 60 Cycle A. C. Single Phase Motor.

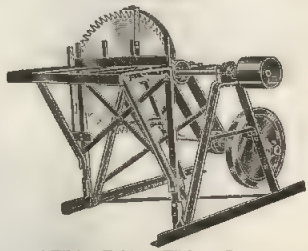
Each

✣No. TB10—Shipping Weight, Each, 235 lbs.....$305.00

One in a Crate.

WOOD SAWING MACHINES

CHALLENGE



Tilting Table - Without Saw

The Heavy Rigid Frame is Constructed of Channel and Angle Steel; Table and Mandrel Legs are Made of One Piece Channel Steel; Braces are Riveted; Mandrel is Turned to 1⅝ inch for Saw Blade; The Balance Wheel Weighs 60 lbs. and is Placed Below the Frame, so that Long Poles may be Cut; Adjustable Bearings Permit the Taking Up of Slack in the Belt; Has Front and Back Safety Guards; Blades from 20 to 30 inches in Diameter can be Used; Double Stop Chains Keep Table Square with Saw; Size of Pulley, 6x6 inches.

Each

✣No. 65—Shipping Weight, Each, 285 lbs.....$50.00

One in a Crate

Note—For Saw Blades See Page 228

SHAPLEIGH'S POINTERS

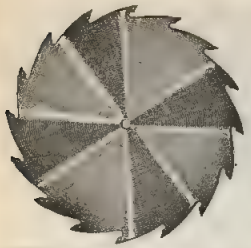
DIAMOND EDGE Wood Saw Blades May be Humble Tools - But, Their GOODNESS, Recommends Every Other *DIAMOND EDGE* Tool.

Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, Power Bench Saws F. O. B., Plantsville, Conn. Wood Sawing Machines F. O. B., Batavia, Ill.

CIRCULAR SAWS

NOTE—When Ordering, State Whether Cross Cut or Rip.

Solid Tooth, Patent Ground and Tempered.



Directions for Ordering—State Diameter of Saw in inches; Right or Left Hand; Determined by Standing in Front of Saw Revolving Towards You; When Log Passes to Right of Saw; It Is Right Hand Saw; When Log Passes to Left, It Is Left Hand Saw. See "Cut"; Gauge of Saw at Center, Also at Rim; Number of Teeth in Saw; Diameter of Mandrel Hole; For Rip or Cross Cut Work.

Any Size Arbor Hole Can Be Supplied at No Extra Charge.

†E. C. Atkins & Co.....F. O. B. Indianapolis, Ind.
†Henry Disston & Sons.....F. O. B. Philadelphia, Pa.
Curtis Saw Co.....F. O. B. St. Louis, Mo.
†Ohlen Bishop Co.....F. O. B. Columbus, Ohio.

Right Hand

Left Hand

All Prices Shown Below are Manufacturers Lists Prices Quoted upon Request

LIST ADOPTED FEBRUARY 1, 1921

Diameter inches	Thickness Stubs Gauge	Size of Hole, inches	Revolutions per Minute	Weight Each, lbs.	Each	For Each Gauge Heavier Add	Extra for Beveling Each Add. Gauge
6	18	¾	.....	1	$3.30	$0 07	$0.25
8	18	⅞	.. ..	1¾ Not	4.40	.10	.35
10	16	1	4,500	1½ Pack-	5.60	.20	.45
12	15	1	.. .	2½ ed	7.00	30	.55
14	14	1⅛	3,600	2¾	8 50	.40	.65
16	14	1⅛	....	5	10.50	.50	75
18	13	1¼	3,000	6	12.50	.60	.90
20	13	1⅜	2,585	8	15.00	.75	1.05
22	12	1⅜	2,222	10	17.50	.90	1.20
24	11	1⅜	2,000	12	20.50	1.05	1.35
26	11	1⅜	1,800	15	24.00	1 25	1.55
28	10	1½	1,636	18	28.00	1.50	1.75
30	10	1½	1,506	24	32 00	1.75	1.95
32	10	1⅝	1,384	28	36.50	2.00	2 15
34	9	1⅝	1,285	35	41.00	2.25	2.35
36	9	1⅝	1,200	40	47 00	2.60	2.55

All Saws Filed and Set Ready for Use. Sizes 6 to 10 inches, Wrapped in Paper; Larger Sizes Shipped on Boards.

NOTE: Saws 40 inches and Over are Filed and Set Ready for Use; No Extra Charge for Saws One Gauge Thicker than Listed; Saws 38 inches and Under Beveled One Gauge Without Extra Charge; Saws 40 inches and Over Beveled Two Gauges Without Extra Charge; Saws 42 inches and Larger Made Thinner than 10 Gauge, are Not Warranted, and 10% is Added for Each Gauge Thinner than 10 Gauge.

The Speed of a Circular Saw is a Most Important Thing to Watch; If Speed is too High it Cannot do Good Work. It Generates Heat and the Centrifugal Force Causes it to Stretch and Become Limber and Not Cut Straight.

CIRCULAR CORDWOOD SAWS

CURTIS

Solid Tooth

Made of Special Analysis Steel; Particularly Adapted for Cordwood Sawing; Ground, Tempered and Polished.

Saws Can be Furnished with Arbor Holes Anywhere from 1-inch to 1⅝-inch without Extra Charge. If with Arbor Hole Under 1-inch or Over 1⅝-inch, an Extra Charge of **$2.00** per Saw.

Special Notice—Orders for Saws Not of Standard Gauge or Hole Will be Accepted Only with the Distinct Understanding that they are Subject to Delay in Making and are Not Subject to Cancellation Under Any Circumstances.

Warranty—Each Saw is Warranted Free from Flaws and Seams and as Nearly True as it is Possible to Make It; If Found Defective it May be Returned (Always Advise Us and Get Our Reply and Shipping Instructions Before Returning) and if, on Examination, it is Found Saw is at Fault, All Necessary Repairs Will be Made or a New Saw Given in Exchange, Provided it is Returned Within 30 Days from Date of Shipment.

Diameter, Inches	Thickness, Gauge	Size Hole, inches	R. P. M.	No. Teeth	Weight Each Crated, lbs.	Each	
†18	13	1⅜	2000	48	8	$4.30	12 50
†20	13	1⅜	1800	52	10	5 10	15 00
†22	12	1⅜	1636	56	14	6 00	17.50
†24	11	1⅜	1500	60	18	7 00	20.50
†26	11	1⅜	1384	64	20	8 20	24.00
†28	10	1⅜	1285	70	25	9 50	28.00
†30	10	1⅜	1200	76	30	10 90	32.00
†32	10	1⅜	1120	80	34	12 40	36.50
†34	9	1⅜	1050	80	43	19 50	41.00
†36	9	1⅜	1000	80	47	22 30	47.00

Items Marked † Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory; Circular Cordwood Saws, F. O. B. St. Louis, Others as Specified Above.

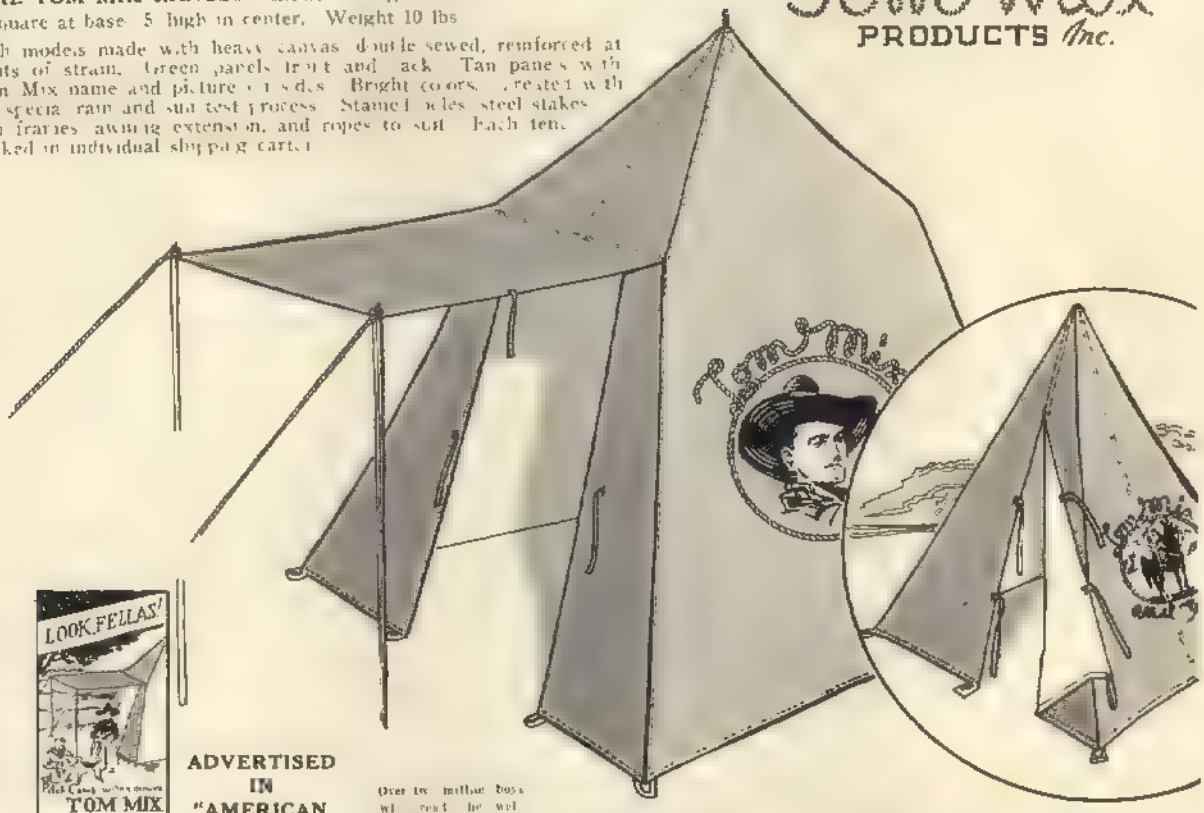
LEADING STORES WILL FEATURE THESE NATIONALLY ADVERTISED TOM MIX PLAY TENTS

licensed by Tom Mix PRODUCTS Inc.

Description: **"THE TOM MIX PIONEER"** shown in Figure 1 6' square at base—5'6" high in center—4' high at eaves. Weight 14 lbs.

"THE TOM MIX RANGER" shown in Figure 2
5' square at base. 5' high in center. Weight 10 lbs.

Both models made with heavy canvas double sewed, reinforced at points of strain. Green panels front and back. Tan panels with Tom Mix name and picture on sides. Bright colors, treated with our special rain and sun test process. Stamped sides steel stakes iron frames awning extension, and ropes to suit. Each tent packed in individual shipping carton.



ADVERTISED IN "AMERICAN BOY"

Over two million boys will read the wonderful news that now for the first time they can actually own a regular full size Tom Mix tent.

STORE DISPLAYS

An attractive two color display card will be furnished gratis to each dealer free of charge upon request.

THE ONLY TENT OF ITS KIND

THE SIDES ARE IN TAN
THE FRONT AND BACK ARE GREEN

The original color contrast of these attractive Pioneer and Ranger models adds a new note to play tent interesting. Each side of both types of tents is further set off by attractive reproductions of Tom Mix in various poses.

Tom Mix the fine and official organization chief and one of boys will help sell hundreds of tents for you during the coming months.

A new exciting picture (Tom Mix's first serial) and a Tom Mix rodeo show which is now traveling from coast to coast all keep Tom Mix in the upper most in the minds of young America and will keep the Tom Mix tent at the peak of youthful interest for many a season.

CANVAS PRODUCTS COMPANY — ST. LOUIS, MO.
LOUIS J. FRIEDEL NEW YORK REPRESENTATIVE 200 FIFTH AVENUE NEW YORK CITY

When writing to Canvas Products Company will you please mention PLAYTHINGS

"WHY NOT GIVE HIM Real Phones?"

● **A Worthwhile Suggestion**—to gift-giving parents, relatives and friends because they are quick to recognize that these little electric telephones are the ideal solution to their problem of gift selection. In giving Real-Phones, they know that they will be giving something that will delight youngsters, something that will be useful as well as enjoyable, and something that will not likely be duplicated by other gift-givers.

● **Of A Worthy Product**—and Real-Phones really are worthy of the retailer's confidence—first, because they are made and guaranteed by a world-recognized telephone manufacturer; second, because they furnish step-saving convenience as well as play value; and third, because their useful service and long life bring credit and goodwill (as well as profit) to the house that sells them.

● **That's Worth Handling**—and actual experience has demonstrated that Real-Phones are profitable for retailers. They are easy and "clean" to handle. They are never price-footballed. Their $6.00 price yields a good margin of profit and helps to build up dollar volume in departments where dollar volume has been much too low in recent years. For complete details and discounts on Real-Phones, write to—

AMERICAN AUTOMATIC ELECTRIC SALES COMPANY
1033 WEST VAN BUREN ST. : : CHICAGO, ILLINOIS

Composition, Dressed Characters and Rubber Doll Sets

Puss in Boots, 10½ inches high. Made of composition, colored white with painted features. Dressed in Red Flannel Jacket and Black Oil Cloth Boots. Jointed arms and legs. Movable head. Packed each in box.

No. 41N14.
Per dozen. 3.00

Puss in Boots, 10½ inches high. Jointed arms and legs. Swivel head. Made of composition colored black with painted features. Dressed in Red Flannel Jacket and Oil Cloth Boots. Packed each in box.

No. 41N13.
Per dozen. 3.00

Wolf, 11¼ inches high. Made of composition. Colored brown, painted features. Jointed arms and legs. Swivel head. Cloth blouse and overalls of contrasting colors. Packed each in box.

No. 41N17.
Per dozen. 3.00

Papa Bear, 10½ inches high. Made of composition, colored brown, painted features. Moving arms and legs. Swivel head. Has flannel jacket and cloth pants. Packed each in box.

No. 41N45.
Per dozen.. 3.00

Mama Bear, 10½ inches high. Made of composition, colored brown. Painted features. Moving arms and legs. Swivel head. Dressed with cloth dress and apron. Packed each in box.

No. 41N21.
Per dozen 3.00

Mr. and Mrs. Pig, 11 inches high. Made of composition, flesh color. Painted features. Moving arms and legs Swivel head. Has flannel jacket and cap. Cloth pants. Mama Pig has cloth dress and cute little bonnet. Packed each in box.

No. 41N19.
Per dozen 3.00

Three Bears. Mama Bear 9½ inches, Papa Bear 9½ inches and Baby Bear 8 inches. All appropriately dressed. These bears are made of composition, colored brown, painted features. Moving arms and legs. Swivel heads. Packed 1 set of 3 in handsome lithographed display box.

No. 41N23.
Per dozen..... 7.20

Three Pigs; each 7¾ inches high. Made of composition. Flesh colored. Painted features. All nicely dressed. Have jointed arms and legs. Swivel heads. Packed 1 set of 3 in handsome lithographed box.

No. 41N22.
Per dozen 7.20

7-Piece Doll's Bath Room Outfit. Made of rubber. Set consists of 5½-inch doll, water bottle, bath mat, soap sponge, soap holder and cloth towel. All packed in cellophane covered box that measures 7¼x7¾ inches.

No. 38N58.
Per dozen sets.. 2.00

10-Piece Combination Set, contains 5½-inch all rubber doll, rattle, washcloth, teething ring, rubber bath mat, soap and soap holder, sponge, nursing bottle, and rubber hot water bag. All packed in handsome display box measuring 12x7¼x2½ inches with inside cellophane cover.

No. 36N440. Per dozen sets..... 4.00

12-Piece Combination Set, contains 8-inch rubber doll, 2 5½-inch rubber dolls, 1 white the other dark, 2 wash cloths, 1 nursing bottle, 1 rubber sponge, 1 bar of soap and holder, 1 rubber bath mat, 1 rattle, and 1 water bottle. All packed in beautiful display box that measures 15½x12½x3 inches with inside cellophane cover.

No. 36N441. Per dozen sets..... 8.00

Popular Low Priced Dolls

13 Inches High, full composition arms, stuffed legs, printed lawn and percale dresses. Assorted one dozen in a box.

No. 36N290.
Per dozen.... 1.75

9½-Inch full composition Doll. Jointed arms and legs. Painted features and hair. Printed Cloth Dress. Packed each in an attractive display box.

No. 36N273.
Per dozen.... 2.00

Special Value 9-inch all composition baby doll with turning head, movable arms and legs. It wears only a diaper. Packed each in box.

No. 36N1.
Per dozen.... 2.00

Colored Doll, jointed arms and legs, brown color dip sprayed brown hair, painted eyes, dressed with a white shirt, height 9½ ins. Packed 1 dozen in box.

No. 36N291.
Per doz... 2.10

Baby Doll. 14-inch full composition, painted eyes, organdy dress trimmed with lace. Full nainsook pants. Packed 1 dozen to a box.

No. 36N293.
Per dozen. 4.00

13-Inch Baby Doll with a stuffed body and composition legs, arms and head. Doll is dressed. Has ribbon tied socks, nainsook combination underwear and an organdy dress and bonnet tied with a ribbon. Packed 1 dozen to a box.

No. 36N294. Per dozen..... 3.75

Topsy, cute little colored Doll. Made of composition, jointed arms and legs. Painted features. Three Little Pigtails made of black braiding, each with a bow. Complete with diaper. Topsy is 9 inches high. Packed each in a box.

No. 36N271.
Per dozen.... 2.00

Topsy Type Doll with jointed arms and body, jointed so that the Doll can be put into sitting and various lying positions and can stand as well. Colored Doll with painted shoes and painted eyes with imitation hair pigtails each tied with a ribbon bow, romper dress measuring 10½ inches in length, packed 1 dozen to the box.

No. 36N292.
Per dozen..... 3.25

Colored Doll, 9½ inches high. Dressed to represent Aunt Jemina has shoes and stockings. Doll is made of composition, jointed arms and legs. Painted features. Packed each in an attractive box.

No. 36N272.
Per dozen.... 3.75

12-Inch Patsy Doll. Full composition, painted eyes. Organdy dress with nainsook trimming and bonnet to match. Full nainsook pants. Packed 1 dozen to a box.

No. 36N205.
Per dozen 3.60

14-Inch Full Composition Doll jointed arms and legs. Ribbon bow on top of head. Dressed in assorted color percale dresses. Full lawn bloomers; removable shoes and stockings. Packed ½ dozen to a box.

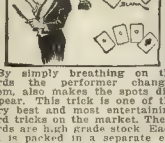
No. 36N296.
Per dozen. 3.60

11¼-Inch Doll, full composition. Jointed arms and legs. Swivel head. Painted features, and ribbon hair bow. Complete with undergarments, shoes and stockings. Packed each in box.

No. 36N276.
Per dozen.... 3.60

CARD TRICKS

DISAPPEARING SPOTS

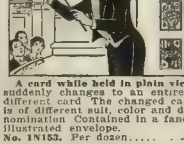


By simply breathing on the cards the performer changes them, also makes the spots disappear. This trick is one of the very best and most entertaining card tricks on the market. These cards are high grade stock Each set is packed in a separate envelope with directions.
No. 1N102. Per dozen..... .40

PAPEL BLANCO

Four cards are dropped into a borrowed hat and are taken out and shown one at a time. The audience is requested to name them after they have been shown. After all manner of guesses have been made the cards are found to be ALL BLANKS. Each set is in a separate envelope with directions.
No. 1N106. Per dozen .40

CHANGING CARD



A card while held in plain view suddenly changes to an entirely different card. The changed card is of different suit, color and denomination. Contained in a fancy illustrated envelope.
No. 1N153. Per dozen..... .50

PHANTOM CARD

Cards which have been mentally selected first are named and next are made to disappear from a borrowed hat or from under a handkerchief. Contained in a fancy illustrated envelope.
No. 1N154. Per dozen..... .40

SVENGALI DECK

A mystifying card trick. You see the cards are all different and then, when blown upon, they change to cards that are all alike. Entirely automatic, knowledge of slight of hand unnecessary.
No. 1N163.
Per gross..... 39.00
Per dozen..... 3.50

AUTOMATIC DOLLAR DECK

These cards can be read from the back as well as the front The marks are entirely mechanical and are as easy to read as telling time. No lengthy study or practice is necessary.

Automatic Dollar Deck. This deck contains over 12,000 secret marks. Some seemingly impossible feats in magic can be performed with it.
No. 1N100.
Per gross. 72.00 | Per dozen. 6.25

Magic Playing Cards

This collection of five decks (all with different backs) presents the biggest dollars worth of magical value ever purchased.

These Magic Decks of 52 cards resemble any ordinary good grade of playing cards. They can, however, be read from the backs as well as the front The marks are laid out in clock systems and are as easy to read as telling time. No lengthy study is necessary.

Every one of these decks is different Exclusive tricks can be performed with each. Special directions containing the secret "Key" are furnished with every deck. With these cards YOU can accomplish feats in magic equal to any performed by professional Magicians.
No. 2N112. Per dozen..... 6.25

FAST SELLING CARD TRICKS

This trick consists of 1 large card with wire clip on back and 3 graduated sets of cards, 4 cards to set. The single large card is shown first. This is turned into a small set of 4 cards, then the next size is shown, after that the smallest set is shown, and then the cards seem to disappear.
No. 1N148. Per gross..... 2.00

Paper Covered Books That Are in Demand

Or Magic Made Easy. One of the fastest selling books on magic, etc., on market. Retails for ten cents. Contains 32 large pages—250 parlor tricks.

No. 33N301.
Per doz. .35 | Per 100 2.50

A 64-page book containing a regular gold mine of ideas, recipes and trade secrets. The personal experiences of many people, showing how they make money in spare time at home.

No. 33N302.
Per doz. .45 | Per 100 3.50

This book contains a complete dictionary of dreams, by which any one may easily interpret their dreams. Also explains how to tell fortunes by cards, coffee grounds or tea cup, etc. Retails for 25 cents.

No. 33N314.
Per doz. .95 | Per 100 7.50

MAGIC BOOK

"Oriental Magic" is a book which teaches simple magic tricks through 72 multicolored illustrations, each picture having been posed by a professional Magician, then drawn from life. The pictures show the correct posture of hands and fingers, without a lengthy, confusing text. The book is printed on fine paper, it has a firm cover with cloth-strip binding.

No. 33N332.
Per gross 9.00
Per dozen 80

Contains hundreds of profitable trade secrets. Secrets for the home, farm and every department of human endeavor. 96 pages.

No. 33N307.
Per doz. .85 | Per 100 7.50

Parlor Conjurer. A practical handbook on the art of conjuring by a leading magician. Describes many tricks with coins, cards, rabbits, balls, rings, etc.

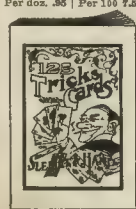
No. 33N327.
Per doz. .45 | Per 100 3.50

Gypsy Dream Book and Fortune Teller. How to tell fortunes by cards, dominoes, coffee or tea cup, lucky days, palmistry, divination, oracles by dreams, together with dictionary of dreams and their correct interpretations. Best 10c fortune telling book on the market.

No. 33N328.
Per doz. .45 | Per 100 3.50

6th and 7th Book of Moses. Contains exact copies of seals, signs, emblems, etc., used by Moses, Aaron, Israelites, the Egyptians, etc., in all their astounding magical and other arts, including the period of time covered by Old and New Testaments.

No. 33N326.
Per dozen 2.00
Per 100 . . . . . 16.00



Containing all the tricks and deceptions with cards ever invented, simplified and adapted for home amusement and social entertainment. 96 pages.

No. 33N311.
Per doz. .95 | Per 100 7.50

Star Song Book. A 64 page book containing dozens of popular songs with words and music. An aggregation of musical gems, old and new. Handy size to fit the pocket.

No. 33N336.
Per doz. .45 | Per 100 3.50

Same as 33N328, but with gold edges and handsome imitation leather binding and gold lettering. Sells for 50 cents.

No. 33N326.
Per dozen 2.50
Per 100 . . . . . 27.50

MIDGET BIBLE

The smallest bible in the world. Contains 240 pages of the New Testament, yet is no larger than a postage stamp. A very great curiosity that is said to bring good luck to the owner. Every word can be read by persons with good eyesight or with the aid of a magnifying glass. Big demand by Sunday School teachers, religious societies, etc. Sells like wildfire at 15 cents.

No. 33N325. Per dozen . . . . . .55 | Per 100 . . . . . 4.00

TROUT BASKETS

DE LUXE

Highest Quality Brown Stained Split Willow; Heavily Leather Bound with Dark Brown Leather; Equipped with Large Bellows Shaped Pocket for Carrying Flies, Spinners, etc. Pocket Can Be Easily and Quickly Detached for Cleaning Purposes; Fastened to Basket With Strap and Buckle Arrangement; Pocket Equipped with Two Fasteners, Can Be Closed Securely, Thereby Preventing Loss of Tackle; Heavy Leather Handle; Provided With Holes for Shoulder Strap.

Nos.	Length, ins.	Height Back, ins.	Height Front, ins.	Capacity, lbs.	Wt. per Doz., lbs.	Per Dozen
SLB3	14	9	6½	20	24	$72.00
SLB4	15	9½	7	25	25	80.00
SLB5	16	10	7½	30	32⅔	87.00

Loose

TROUT BASKETS

Russet Leather Bound and Reinforced

Finest Quality Split Willow; Trimmed with Best Quality Russet Leather Reinforcing Basket; Crossed Front and Back; Also at Ends Preventing Basket from Being Caught on Brush; Lid Leather Bound all Around; Leather Strap with Buckle Heavy Leather Handle; Also Provided with Holes for Shoulder Strap.

Nos.	Length, ins.	Height Back, ins.	Height Front, ins.	Capacity, lbs.	Wt. per Doz., lbs.	Per Dozen
PLB3	14	9	6½	20	21	$48.00
PLB4	15	9½	7	25	22½	54.00
PLB5	16	10	7½	30	25½	60.00

Loose

Plain

Split Willow

Genuine Finest Quality Split, Bleached Willow with Patent Lock; Russet Leather and Blued Metal Mountings; They are Full Standard Sizes.

Nos.	Height, ins.	Width, ins.	Length, ins.	Capacity, lbs.	Weight per Dozen, lbs.	Per Dozen
PL2	8½	5½	13	12	7½	$20.00
PL3	9	5¾	14	20	12¾	22.80
PL4	10	6	15	25	15	26 40

Loose

FISHERMEN'S HANDY BAGS

* SIMPLEX'S DIAMOND BRAND

TRADE MARK REG. IN THE U. S. PAT. OFFICE

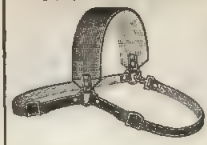
"QUALITY COUNTS"

Heavy Canvas; Dead Grass Color; Imitation Leather Bound; ⅝-inch Canvas Shoulder Strap with Tinned Buckle.

Nos.	Size, ins.	Weight per Dozen, lbs.	Per Dozen
50	9x8	3¾	$18.00
75	10x8	4	20.00
100	12x9½	5	21.60
200	14½x11½	6	[illegible]

Loose

TROUT BASKET STRAPS



2-inch Brown Colored Web Shoulder Strap; ¾-inch Chocolate Colored Leather Straps; Tinned Buckles, Snap and Ring; Adjustable to Any Size.

Per Dozen

No. 5—Weight per Dozen, 3½ lbs.. ...$13.50

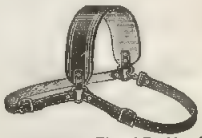
Loose

2-inch Brown Leather Shoulder Strap with Hand Stamped Border; ⅝-inch Brown Leather Straps; Tinned Buckles, Snap and Ring; Adjustable to Any Size.

Per Dozen

No. 6—Weight per Dozen, 4½ lbs.....$16.80

Loose

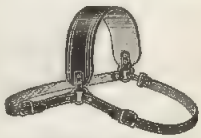


2½-inch Heavy Brown Leather Shoulder Strap with Stamped Border; ⅝-inch Brown Leather Straps; Bright Tinned Buckles, Snap and Ring; Adjustable to Any Size.

Per Dozen

No. 16—Weight per Dozen, 5 lbs.....$13.50

Loose

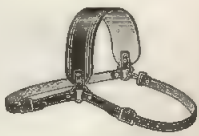


2-inch Heavy Brown Leather Shoulder Strap with Stamped Border; ½-inch Brown Leather Straps; Bright Tinned Buckles, Snap and Ring. Adjustable to Any Size.

Per Dozen

No. 15—Weight per Dozen, 4½ lbs.....$9.00

Loose

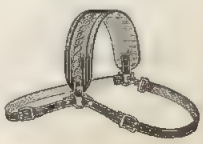


2-inch Dark Brown Split Leather Shoulder Strap with Stamped Border; ½-inch Leather Straps; Bright Buckles, Snaps and Rings Adjustable.

Per Dozen

No. 14—Weight per Dozen, 4¼ lbs....$8.00

Loose



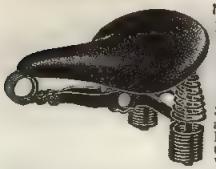
2 inch Tan Color Leather Shoulder Strap with Stamped Center; ⅝-inch Leather Straps, Tinned Buckles, Snap and Ring; Adjustable to Any Size.

Per Dozen

No. 195—Weight per Dozen, 4½ lbs.... .$9.60

Loose

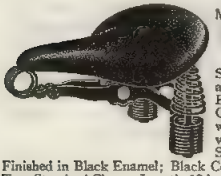
BICYCLE SADDLES



MESINGER
Bucket Seat With Sponge Rubbber Padding

Stamped Steel Frame and Trusses, Easy Springs Combined With Universal Cone Springs; All Finished in Black Enamel; Highly Finished Black Grain Leather Top; Inside Lined with Heavy Canvas and Soft Sponge Rubber Padding, Forming Additional Air Cushion Between Rubber and Plate; Length, 12 inches; Width, 10½ inches.

Each
No. B1R—Weight Each, 4¾ lbs.....**$4.50**
Loose



MESINGER
Bucket Seat

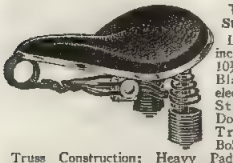
Stamped Steel Frame and Trusses; Easy Springs Combined with Universal Cone Springs; All Finished in Black Enamel; Black Color Leather Top; Standard Clamp; Length, 12 inches; Width, 10½ inches.

Each
No. B1—Weight Each, 5 lbs.....**$4 00**
Loose

TROXEL
Motor Bike

Stamped Steel Frame and Trusses; Cushion Springs Combined With the Universal Spring; All Finished in Black Enamel; has Universal Clamp; Leatherette Top; Well Padded With Hair Felt; Wood Base; An Extra Heavy Saddle; Strong and Durable; Length, 11 inches; Width, 9 inches.

Each
No. 1—Weight Each, 4¼ lbs.....**$4 50**
Wrapped Individually in Paper



TROXEL
Streamline

Length, 11¼ inches; Width, 10¼ inches; Black Enameled Stamped Steel Frame; Double Wire Truss; New Boltless Spring Truss Construction; Heavy Padded Black Leatherette Top; Smooth Metal Bound Edges Holds Leather so it will Not Bulge or Loosen.

Nos.	Truss and Spring Finished In	Wt. Ea. lbs.	Each
50	Black Enameled	5	$3.70
50C	Chromium Plate	5	4.00

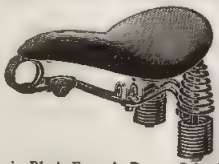
Wrapped Individually in Paper

BICYCLE SADDLES

TROXEL
Motor Bike

Stamped Steel Frame; Double Wire Trusses; Easy Springs Combined with Universal Cone Springs; All Finished in Black Enamel; Top is Hair Padded and Formed to Fit Over a 5 Ply Wood Base; Leatherette Top; Length, 10½ inches; Width, 8 inches.

Each
No. 2—Weight Each, 4¼ lbs. **$4.00**
Wrapped Individually in Paper



MESINGER
Bucket Seat

Stamped Steel Frame; Single Wire Trusses; easy Springs combined with Universal Cone Springs; All Finished in Black Enamel; Brown Color Leather Top; Standard Clamp; Length, 11 inches; Width, 9½ inches.

Each
No. B2—Weight Each, 4 lbs.....**$2.60**
Loose

TROXEL
Bucket Seat

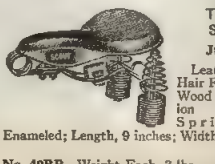
Stamped Steel Frame; Single Wire Trusses; easy Springs combined with Universal Cone Springs; All Finished in Black Enamel; Brown Color Leatherette Top; Sewed Around Edges; No Jockey; Standard Clamp; Length, 12 inches; Width, 10 inches.

Each
No. TB2—Weight Each, 4 lbs.....**$3.30**
Wrapped Individually in Paper

MESINGER
Juvenile Bucket Seat

Stamped Steel Frame; Single Wire Trusses; Easy Springs Combined with Universal Cone Springs; Black Enameled Finished; Brown Color Leather Top; Standard Clamps; Length, 10 inches; Width, 8½ inches.

Each
No. B2—Weight Each, 3 lbs.....**$2.30**
Loose



TROXEL
SCOUT
Juvenile

Leatherette Top; Hair Felt - Padded; Wood Base; Cushion Comfort Springs; Black Enameled; Length, 9 inches; Width, 7 inches.

Each
No. 40RP—Weight Each, 3 lbs.....**$2.80**
Wrapped Individually in Paper

BICYCLE SADDLES

TROXEL
Juvenile

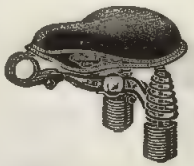
Black Enameled Truss Spring; Waterproof, Cowhide Chocolate Color Leatherette Covered Wood Base; Length, 8 inches; Width, 7 inches.

Each
No. 14C—Weight Each, 1¾ lbs.....**$2.20**
Wrapped Individually in Paper

MESINGER
Ladies With Sponge Rubber Padding

Heavy Sponge Rubber Padded Black Grain Leather Top; Stamped Steel Frame and Double Wire Trusses; Easy Springs Combined with Universal Cone Springs; Finished in Black Enamel; Universal Clamp; Length, 9 inches; Width, 10 inches.

Each
No. L1—Weight Each, 4¼ lbs.....**$4.00**
Loose



MESINGER
Ladies

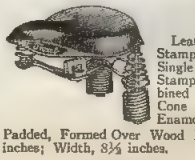
Heavy Padded Leather Top; Stamped Steel Frame and Double Wire Trusses; Easy Springs Combined with Universal Cone Springs; All Finished in Black Enamel; Universal Clamp; Length, 10 inches; Width, 9 inches.

Each
No. 12—Weight Each, 4 lbs.....**$3 00**
Loose

TROXEL
Streamline Ladies' Saddle

New Boltless Spring Truss Construction. The Shape is, of Course, a Ladies Style, But in All Other Respects this Saddle is Identical to the Men's Style. The Shape Holding Quality, the Permanent Riding Comfort and Absolutely Smooth Lower Edge which Streamlining Guarantees are All Especially Important in a Ladies' Saddle. Black Leatherette Padded Top; Length, 8 inches; Width, 9½ inches.

Each
No. 54—Weight Each, 3¾ lbs.....**$3.60**
Wrapped Individually in Paper



TROXEL
Ladies

Leatherette Top; Stamped Steel Frame; Single Wire Trusses; Stamped Springs Combined With Universal Cone Springs; Black Enameled; Top Hair Padded, Formed Over Wood Base; Length, 8 inches; Width, 8½ inches.

Each
No. 09RC—Weight Each, 3 lbs.....**$3 30**
Wrapped Individually in Paper

BICYCLE SADDLES

MESINGER
Ladies

Stamped Steel Frame; Single Wire Trusses; Easy Springs; Black Enameled Finish; Heavy Padded, Brown Color Leatherette Top; Standard Clamp; Length, 9 inches; Width, 8½ inches.

Each
No. F—Weight Each, 2 lbs. **$3.20**
Loose

TROXEL
Track Racer

Stamped Steel Frame; Double Truss Spring; Black Enameled with Chalfant Clamp; Length of Seat, 11¼ inches; Width, 6 inches; a Remarkable Saddle at a Price; Seat Made of Cowhide Chocolate Color Leather.

Each
No. ETR—Weight Each, 1½ lbs..... **$4 50**
Wrapped Individually in Paper

PERSONS
Track Racer

Plated Truss Springs; Pommel is Long and Narrow; Tops are Cut from Chocolate Color Specially Tanned Steer Hides of Heavy Weight, and Always Keep Their Shape; Length, 11½ inches; Width, 6½ inches; with Chalfant Clamp.

Each
No. PTR—Weight Each, 1½ lbs..... **$4.00**
Loose

PERSONS
Special

Plated Truss Springs; Tops are Made of Black Tanned Cowhides; Length, 10½ inches; Width, 7½ inches; with Standard Clamp.

Each
No. PS—Weight Each, 1½ lbs..... **$3.30**
Loose

BICYCLE TOOL BAGS

Oval; English Russet Leather; Black Enameled; Stamped Steel Ends, Firmly Riveted to Leather; Complete with Straps; Length, 6 inches.

Per Dozen
No. 16—Weight per Dozen, 3 lbs..... **$9 60**
Loose

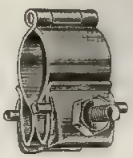
BICYCLE SADDLE CLAMPS

STANDARD

Full Nickel Plated; Fits All Bicycle Seat Posts; this is the Clamp Used on Most Saddles.

Per Dozen
No. 70—Weight per Dozen, 3 lbs..... **$3.00**

Loose



FRAME BAR

Made to Fit One Inch Tubing Only. Is Used For Attaching Saddles With Single Wire Truss to Top Bar of Frame to Secure the Lowest Riding Position.

Nickel Plated Finish.

Per Dozen
No. 180—Weight per Dozen, 3 lbs..... **$8.60**
Two And One-Twelfth Dozen in a Box

SEAT POSTS

Plain

Seamless Steel Tubing; Drop Forged Top; Nickel Plated Over Copper, Size, 1⅛ inch; Length of Top, 3 inches; Length of Stem, 5⅞ inches.

Each
No. 945—Weight Each, 12 ozs..... **$1.00**

Loose

HUSKY

Made from Steel Tubing With Solid Top.

Nickel Plated Over Copper, Highly Polished and Buffed.

Size, 25/16 inch; Diameter, 15 inches Long; Top, 4 inches Long; Made For 5/8-inch Saddle Clamp.

Each
No. 15—Weight Each, 1¾ lbs..... **$1 70**
Loose

SADDLE BOLTS AND NUTS

Full Nickel Plated; Assembled; It is Used to Fasten Front Coil to Main Spring; Bolt is 9/16 inch Diameter, 1¼ inch in Length; Complete with Clip, Washer and Nut.

Per 100
No. 175—Weight per 100, 6 lbs..... **$11.00**
One Hundred in a Box

Full Nickel Plated; Bolt is 7/16x1¼ inch Long; Complete with Washer and Nut; Assembled.

Per 100
No. 176—Weight per 100, 5 lbs. . **$9 00**
One Hundred in a Box

Standard Nickel Plated Saddle Clamp Set Screw. Made with Square Head ⅜ inch in Diameter by 20 Thread.

Per 100
No. 186—Weight per 100, 3 lbs..... **$8 00**
One Hundred in a Box

THREADED SADDLE NUTS

Nickel Plated; No. 20 Thread.

Nos.	Size, in.	Weight per 100, ozs.	Per 100
420	¼	10	$3.00
421	5/16	12	1.40

Loose

SHAPLEIGH'S POINTERS

Many Trifles Make Good Business
and
Good Business is No Trifle.

Fairest of the Fair

UNEEDA DOLL COMPANY

Presents for 1935

AT THE

HOTEL McALPIN

ROOMS 416-418

the most complete line ever offered in our eighteen years of manufacturing experience. New baby head for all sizes, new composition dolls, new mama dolls—all dressed in new outstanding styles.

B. SKLARSKY—H. A. SUSSMAN, Representing

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MOLLY-'ES DOLL *Molly-'es* OUTFITTERS, Inc.

has designed and manufactures an exclusive line of dresses for our entire DeLuxe line, including composition, mama and baby dolls.

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ROOM 519 200 FIFTH AVENUE NEW YORK

UNEEDA DOLL CO., INC.

Factory: 18 W. 18th St., New York. Telephone CHelsea 3-5666-7

When writing to Uneeda Doll Co., Inc., kindly please mention PLAYTHINGS

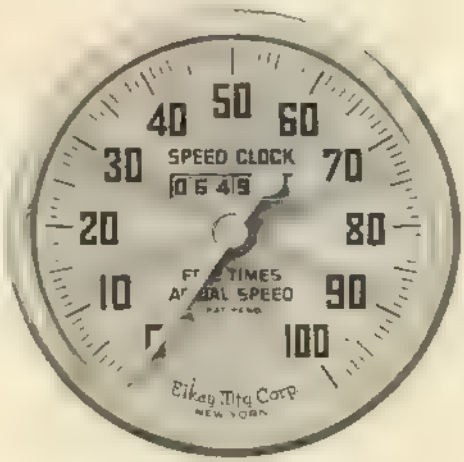
SPEED CLOCK

(SPEEDOMETER)

Buyers Say

"IT'S A KNOCK OUT—
JUST WHAT WE HAVE BEEN LOOKING FOR"

An All Year Seller



ACTUAL SIZE

Aluminum Case
Aluminum Dial
Brass Indicator
Flexible Shaft
Rubber Friction
Drive Wheel
Convex Crystal

$1.00

Geared Five Times Actual Speed to Give Play Value

Greatest Accessory for Wheel Goods in Years . . . Will Increase Your Sales

Easily Attached to All Size Velocipedes and Sidewalk Cycles

"Toy of Delight When Riding Your Bike"

Elkay Manufacturing Corp.

1107 Broadway *New York*

VALENCIA.

FLORAL WREATH CUT.

CLEAR GOBLETS.

Per Dozen

No. C-9172—Goblets; capacity, 9 ounces; floral wreath cut; height, 6¾ inches; weight per dozen, 6 lbs. **$15.50**

Bell shape optic blank, beautiful floral design, cut stem.

Per Dozen

No. C-1591—Goblets; height, 7¾ inches; weight per dozen, 4 lbs. **$6.50**

No. C-1592—Tall Sherbets; height, 5⅞ inches; weight per dozen, 3¼ lbs **6.50**

No. C-1594 Cocktail Glasses; height, 5⅛ inches; weight per dozen, 2 lbs. **6.50**

No. C-1595—Wine Glasses; height, 5 inches; weight per dozen, 1⅞ lbs. **6.50**

SHERBET GLASSES.

Per Dozen

No. C-9171 Sherbet Glasses; optic; floral wreath cut; height, 5¼ inches; weight per dozen, 3¾ lbs. **$15.50**

Optic blank, floral design, plain base.

Per Dozen

No. C-1491—Goblets; height, 6⅛ inches; weight per dozen, 3¾ lbs. **$4.80**

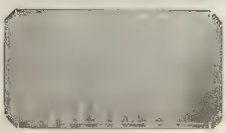
No. C-1492—Tall Sherbets; height, 4¾ inches; weight per dozen, 3 lbs. **4.80**

No. C-1494—Cocktail Glasses; height, 4¼ inches; weight per dozen, 1⅞ lbs. **4.80**

No. C-1493 Wine Glasses; height, 4⅝ inches; weight per dozen, 1⅞ lbs. **4.80**

MIRROR PLATEAUS.

POLISHED PLATE GLASS.



Beveled edges, felt cushioned, prevents marring of furniture. For console sets, fruit bowls, etc.

Each

No. C-2—Mirror Plateaus; size, 11x18 inches; cut-off corners; weight each, 5¼ lbs. **$3.20**

No. C-12—Mirror Plateaus; size, 11x18 inches; pointed ends; weight each, 5 lbs. **3.20**

Per Set

No. C-10S—Mirror Plateau Sets; 3 pieces, one large size 10x13 inches and 2 small size 6x6 inches, octagonal shape; weight per set, 3¾ lbs. **$4.30**

Wahl-Oxford Vacuum Filler Pens

TRANSPARENT BARRELS

Here is a revolutionary new pen that's a regular Camel for ink. Holds more than double the amount of ink held by ordinary rubber sac pens of the same size, because it fills entirely by vacuum. No pumps—valves—or levers. Five complete turns of the filler button at the end of the barrel does the trick.

The pens come in three styles: Large, Oversize Men's Model; Standard, regular size men's model; and the Standard, Ladies' size model with the new clip at the end of the cap.

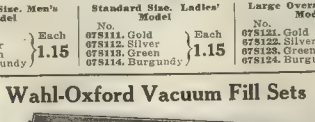
DOUBLE THE USUAL INK CAPACITY

They are made of unbreakable Pyralin in four color combinations. Gold with a Black spiral web; Silver with a Black spiral web; Green with a Black spiral web; and Burgundy with a Black spiral web. The barrels of these are semi-transparent, enabling the user to instantly see how much ink his pen contains. Small cap at end of pen conceals the filler button.

This new principle, coupled with Wahl's reputation for good merchandise, insures the user an article that has merit and value.

Standard Size. Men's Model		Standard Size. Ladies' Model		Large Oversize. Men's Model	
No.	Each	No.	Each	No.	Each
67S101. Gold	1.15	67S111. Gold	1.15	67S121. Gold	1.73
67S102. Silver		67S112. Silver		67S122. Silver	
67S103. Green		67S113. Green		67S123. Green	
67S104. Burgundy		67S114. Burgundy		67S124. Burgundy	

Wahl-Oxford Vacuum Fill Sets

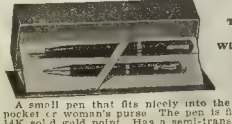


An ideal gift package, as the pen and pencil are put up in a very attractive presentation case. The variety of styles enables one to make a selection most suitable for the type of work the pen is needed for.

The Vacuum pen, as stated above, comes in a variety of colors. To match it, Wahl has brought out a pencil in propel, repel and expel mechanism built so that it harmonizes with the pen in all details. An eraser and a chamber for extra leads is hidden in the center of the barrel.

Standard Size. Men's Model		Standard Size. Ladies' Model		Large Oversize. Men's Model	
No.	Each	No.	Each	No.	Each
67S161. Gold	1.73	67S171. Gold	1.73	67S181. Gold	2.32
67S162. Silver		67S172. Silver		67S182. Silver	
67S163. Green		67S173. Green		67S183. Green	
67S164. Burgundy		67S174. Burgundy		67S184. Burgundy	

EVERSHARP'S "DORIC" BANTAM

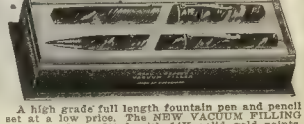


The Little Pen With the Big Ink Capacity

A small pen that fits nicely into the man's vest pocket or woman's purse. The pen is fitted with a 14K solid gold point. Has a semi-transparent barrel, and fills by Vacuum. Holds as much ink as a big standard size lever filler pen. The pencil propels, repels and expels the lead.

No. 67S191.	Gold	Each 1.15
No. 67S192.	Silver	
No. 67S193.	Green	
No. 67S194.	Burgundy	

WAHL-OXFORD VACUUM FILL SETS



A high grade full length fountain pen and pencil set at a low price. The NEW VACUUM FILLING DEVICE. Pens fitted with 14K solid gold points, iridium tipped. Three-action pencil movements. Both pieces put up in a fancy presentation case. Men's size, long with clip.

No. 67S26.	Red	Per set 1.15
No. 67S27.	Green	
No. 67S28.	Brown	

Fountain Pens Pencils DORIC Combination Sets

To complete their line of Doric Pens, Eversharp has brought out the Junior Doric, a fountain pen and pencil priced low but yet retaining all the quality and charm which so characterizes the Eversharp line. They have done this so that anyone, regardless of the price of pen or pencil he or she may purchase, can enjoy the pride of owning this new-shaped and exceedingly fetching pen.

The ladies' pens are made with a short clasp at the top of the cap so that the pen can be clipped onto a pocket in the purse. The men's style has the clip set further down the cap to fit snugly into the vest or coat pocket.

The points of the pens are all 14k solid gold, iridium tipped. The pencils are all equipped with Eversharp's three-action movement.

A beautiful range of colors enables even the most fastidious to choose with the utmost satisfaction. A Jet Black for the conservative, Kashmir Pearl (an Emerald Pearl and Black), Topaz Pearl (a rich golden brown and pearl closely resembling the semi-precious stone), and Carnelian Pearl (a deep reddish brown color).

Men's Size—Long with Clip

Pens Only

No.		
67S1001.	Jet Black	Each 1.76
67S1002.	Kashmir Pearl	
67S1003.	Topaz Pearl	
67S1004.	Carnelian Pearl	
67S1006.	Cathay Pearl	

Pencils Only

No.		
67S1031.	Jet Black	Each 1.18
67S1032.	Kashmir Pearl	
67S1033.	Topaz Pearl	
67S1034.	Carnelian Pearl	
67S1036.	Cathay Pearl	

Ladies' Size—Short with Clasp

Pens Only

No.		
67S1011.	Jet Black	Each 1.76
67S1012.	Kashmir Pearl	
67S1013.	Topaz Pearl	
67S1014.	Carnelian Pearl	
67S1016.	Cathay Pearl	

Pencils Only

No.		
67S1041.	Jet Black	Each 1.18
67S1042.	Kashmir Pearl	
67S1043.	Topaz Pearl	
67S1044.	Carnelian Pearl	
67S1046.	Cathay Pearl	

Combination Sets
Put Up in Attractive Gift Boxes

Men's Size—Long with Clip

No. 67S1061.	Jet Black. Each	Each 2.94
No. 67S1062.	Kashmir Pearl. Each	
No. 67S1063.	Topaz Pearl. Each	
No. 67S1064.	Carnelian Pearl. Each	
No. 67S1066.	Cathay Pearl. Each	

Ladies' Style—with Clasp

No. 67S1071.	Jet Black. Each	Each 2.94
No. 67S1072.	Kashmir Pearl Each	
No. 67S1073.	Topaz Pearl. Each	
No. 67S1074.	Carnelian Pearl. Each	
No. 67S1076.	Cathay Pearl. Each	

AUTOMOBILE JACKS
WALKER HYDRAULIC

Single Lift

Suitable for light trucks as well as passenger cars Handle socket is centered and above center of gravity. Long skid base is malleable iron, cap is serrated steel. Polished brass lifting cylinder has positive oil return, filler hole checks correct oil level This is the hydraulic jack value you have been wanting

Has rated capacity of 1 ½ tons but easily lifts a 3-ton load in emergencies

Bayonet type folding handle

Each

No. 905—Cap 1 ½ tons, height 7 in., raise 5 ⅜ in., screw extension 2 ⅜ in., diam. ram ⅞ in., length handle 31 in.; wt. each 9 lbs. *$3.95*

Single Lift

A high quality hydraulic hand jack suitable for passenger cars and light trucks. Automatic safety valve protects jack and operator against overloading. Lowering speed easily regulated by needle valve release control. Cap has case hardened milled teeth and cap, ram, and pump piston are cadmium plated. Reinforced streamlined sled type base and handle socked above the center of gravity facilitate placing the jack in lifting position

Bayonet type folding handle.

Each

No. 910—Cap 1 ½ tons, height 7 in., raise 5 ½ in., screw extension 2 ⅜ in., diam. ram ⅞ in. length handle 31 in., wt each 10 ¼ lbs. *$4.45*

No. 925

No. 930

Single Lift

Suitable for light and medium weight trucks and busses Countersunk lifting cap has case-hardened milled teeth and is cadmium plated, as are also the ram and pump piston Automatic safety valve protects jack and operator against overloading. Lowering speed accurately regulated by needle valve release control. Broad sled type base makes for placement. Handle socket on vertical center above center of gravity eliminates tipping or wobbling while placing jack under lifting point.

No. 930 has same features as No. 925 except for rated capacity of 4 ½ tons and slight difference in starting point and lifting range.

Bayonet type folding handle, 33 ½ inches long

Nos.	925	920
Capacity, tons	2 ½	4 ½
Height, inches	8 ½	9
Raise, inches	9	6 ¼
Screw extension, inches	3 ½	3 ⅜
Diam., ram, in	1 ⅜	1 ⅜
Weight each, lbs.	17	24 ¼
Each	*$9.40*	*12.35*

All above, open stock

AUTOMOBILE JACKS
WALKER HYDRAULIC

Single Lift

No. 935 is a rugged hydraulic jack with unusually low starting point and ample lifting range making it suitable for all kinds of truck and bus work Has rated capacity of 7 tons with automatic safety valve to prevent overloading Ram, pump piston, and countersunk case-hardened cap are cadmium plated and rust proof Has needle valve release control for accurate regulation of lowering speed. Removable oil filter screen keeps oil clean and protects working parts Heavy sled-type base and handle socket above the center of gravity make placement easy. This jack has the exclusive Walker adjustable carrying handle for placing or supporting the jack in any desired position.

No. 936 is similar to No. 935 except for a higher starting point with corresponding higher raise.

Bayonet type handle, 33 ½ inches long

Nos.	935	936
Capacity, tons	7	7
Height, inches	9	11
Raise, inches	6 ¼	8
Screw extension, inches	4 ¼	4 ¼
Diam. ram, inches	1 ½	1 ½
Base, inches	4 ⅝ x 7 ⅞	4 ⅝ x 7 ⅞
Weight each, lbs.	25	28
Each	*$15.75*	*16.00*

Single Lift

These four powerful models two 12 ton and two 20 ton—are more than jacks; they are all purpose, compact power units for jobs requiring sturdy equipment for lifting, pushing, straightening and bending They are ideally built for axle, frame and wheel straightening as well as for lifting on the road or in the shop.

Two new and exclusive features are the movable handle and the external oil control knobs. The carrying handle can be swung to any position to place or hold the jack in putting it to work in an upright or horizontal position. The external oil control knobs permit efficient and positive operation of jack in upright and all horizontal positions.

Equipped with 24 inch handle.

Nos.	945	946	950	951
Cap., tons	12	12	20	20
Height, in.	9	11	11	14
Raise, in.	5 ½	7	6 ⅛	7 ⅝
Screw extension, in.	3 ¼	3 ¼	3 ¼	3 ¼
Full Height, in.	17 ¾	18	17 ½	21 ¾
Diam. ram, in.	1 ⅝	1 ⅝	2 ⅛	2 ⅛
Base, in	4 ⅝ x 6 ⅝	4 ⅝ x 6 ⅝	5 ½ x 7 ⅞	5 ½ x 7 ⅞
Wt each lbs.	35	33	52	65
Each	*$24.65*	*23.00*	*46.00*	*48.00*

All above, open stock.

HYDRAULIC OIL
WALKER

Adopted by Walker after thorough tests for use in original filling of Walker Hydraulic passenger car and truck jacks and Walker Hydraulic Roll-A-Car, it is now available in quart cans for refills. One quart is required for complete refill of Roll-A-Car Walker Hydraulic Oil will operate satisfactorily at any temperature above zero and has long life.

Per can

No. 75—1 qt can, wt per carton 12 lbs. *$0.75*

Four cans in a carton.

Prices on this Page are Net.

AUTOMOBILE JACKS
WALKER HYDRAULIC

Nos. 815-820

Tank base encloses all pump and valve mechanism. Positive oil returns from pump and ram prevent oil leakage—link pump construction eliminated.. Valve readily accessible for adjustment.

Powerful rams provide easy and speedy lifting and full power raise without adjustment. Handle locks in socket for placing and withdrawing jack. Ram is lowered by pushing handle further into socket against spring pressure, and then downward against valve stem, making it unnecessary to remove handle to lower jack. Weight of car automatically lowers jack.

Oil filling plug is at correct height in tank to insure correct oil level should refilling become necessary. Construction permits operation in horizontal position. Handle socket is above center of jack which insures perfect balance for placing jack in position and prevents tipping Skid base for easy sliding over gravel or dirt.

Hardened drop forged cap provides positive grip. Long handle clears bumpers, spare tire, etc. Handle is held by spring lock, is quickly detached and may be folded to fit under seat or in tool box. Sturdiest construction throughout to sustain continuous service

No. 815—Double lift; for heavy passenger cars.

No. 820—Double lift; for lighter trucks and buses and for service station use.

No. 835—Single lift, screw extenston; for heavy trucks and buses and for service station use.

No. 845 Single lift, screw extension; for heaviest trucks and heavy lifts and straightening operations in the service stations.

Nos.	815	820
Capacity, tons	1½	3
Height, in.	7¼	8¼
Raise, in.	9¾	10¾
Screw ext., in.	....	....
Diam. ram, in.	1⅞-1 5/16	2 5/16-1 5/16
Wt. each, lbs.	15	27½
Each	*$10.00*	*15.75*

Nos.	835	845
Capacity, tons	7	12
Height, in.	9	9
Raise, in.	6¼	5½
Screw ext., in.	4¾	4
Diam. ram, in.	1⅞	2½
Wt. each, lbs.	34	41
Each	*$15.75*	*24.65*

AUTOMOBILE JACKS
WALKER MULTIPLE

No. 515

Easier to Position — Handle socket centered on jack above center of gravity. Handle locks in socket and doesn't slip out when in use — well balanced — does not tip over when it is slid under or removed. Big, broad, malleable iron base is turned up at ends.

Easier Lift—Big, smooth-running reduction gears, ball bearings and accurately cut screws.

Cap Takes Sure Grip—Drop forging with rugged teeth that bite into spring or axle.

Quick Raising Cap—Inner screw twirled up quickly by turning cap with fingers—saves time in starting lift. Outer screw may also be turned up or down quickly by hand by spinning turning knob on the drive pinion.

No. 530

Better Material and Workmanship — Entire standard and base of breakproof malleable iron—finest material for the purpose in all other parts. Gears and screws cut and fit with precision to insure dependable and continued performance.

No. 515 — Double screw type for lighter passenger cars except "knee action" Chevrolet and Pontiac.

No. 520—Double screw type for medium weight cars.

No. 525—Double screw type for medium and heavy weight passenger cars

No. 530—Triple screw type for all passenger cars except "knee action" Chevrolet and Pontiac.

Nos.	515	520
Capacity, tons	1	1¾
Height, in.	6½	6⅜
Raise, in.	8½	8½
Full height, in.	15	15
Diam. screws, in.	¾-1⅛	⅞-1¼
Handle, in.	40	51
Wt. each, lbs.	7¾	10
Each	*$2.45*	*2.85*

Nos.	525	530
Capacity, tons	1½	1¾
Height, in.	6½	5¾
Raise, in.	8½	9⅝
Full height, in.	15	14⅝
Diam. screws, in.	⅞-1¼	1 1/16-1-1 1/16
Handle, in.	51	51
Wt. each, lbs.	12¼	9¼
Each	*$4.05*	*3.45*

All jacks, open stock.

Prices on this Page are Net.

AUTOMOBILE JACKS
WALKER

Double Extension Screw Type

For light weight cars with balloon tires. Long handles clear bumpers and make positioning easy. Malleable iron standard, gear and pinion provide sturdy construction.

Hardened steel cap insures firm contact at lifting point and ball-bearings make lifting easy. Black enamel finish. Folding handle 41 inches long.

Nos.	330	340
Capacity, tons	1	1
Height, in.	5½	7
Raise, in.	7½	10
Diam. screws, in.	1⅛ ¾	1⅛-¾
Wt. each. lbs.	4½	5¾
Each	*$1.60*	*1.70*

Double Extension Screw Type

Ball bearing; enclosed gears; broad sled type base; heat treated steel cap.

No. 325—Will get under the lowest of today's cars when tire is flat.

No. 350—Specially designed for "knee-action "Chevrolet and Pontiac cars.

Folding handle 41 inches long

Nos.	325	350
Capacity, tons	¾	¾
Height, in.	5	8
Raise, in.	7½	12
Diam. screws, in.	1-1½	1⅛-¾
Wt. each. lbs.	4½	6¼
Each	*$1.10*	*1.45*

WALKER BLUE BOY

Ratchet Malleable Type with Foot Lift

Built expressly for service work—for aligning wheels, adjusting brakes, replacing springs and axles, etc.

Large surfaced corrugated cap bites into part it supports.

Broad V-shaped foot lift gets down to 4 inches from ground. Heat treated rack bar and drop forged dogs make it unusually strong.

Each

No. 125—Cap. 3 tons, height 10½ in., raise 7 in., height of foot 4 to 9⅝ in., wt. each 17 lbs. *$6.40*

PLAYGROUND BALLS

GOLDSMITH OFFICIAL

Outseam

Has been adopted and is being used as the Official ball for playground use throughout the country.

Exceptional, sturdy and well made. Long fibre Kapok center, yarn wrapped and cemented. Heavy cemented horsehide cover, white thread stitching.

Nos.	J750–12	J750–14
Circumference, in.	12	14
Wt. per dozen, lbs.	7	9
Per dozen	$37.00	44.00

One in a box.

GOLDSMITH UNIVERSAL

Outseam

Firmly compressed yarn wrapped felt center. Horsehide cover, stitched with white waxed thread.

Nos.	J650–12	J650–14
Circumference, in.	12	14
Dozen in box	1	½
Wt. per dozen, lbs	6¼	8¾
Per dozen	$19.00	25.00

GOLDSMITH SUPERIOR

Outseam

Compressed yarn wrapped center. Heavy horsehide cover, stitched with white waxed thread.

Nos.	J600–9	J600–12	J600–14
Circum., in.	9	12	14
Doz. in box	1	1	½
Wt. doz., lbs.	3½	6¼	8¾
Per dozen	$6.75	12.35	19.00

PLAYGROUND BALLS

GOLDSMITH OFFICIAL SOFT BALL

Plain Seam

Made strictly in accordance with the Official rules as to size and weight. Built to give service and to stand up under extremely hard usage.

Selected long fibre Kapok center, yarn wrapped. Selected tough horsehide cover cemented to ball and hand stitched with red and black waxed thread.

This ball has been adopted and is being used as the Official soft ball everywhere.

Nos.	J75–12	J75–14
Circumference, in.	12	14
Wt. per dozen, lbs.	7	9
Per dozen	$37.10	43.80

One in a box.

GOLDSMITH UNIVERSAL

Plain Seam

Compressed, twine wrapped, felt center. Horsehide cover, stitched with red waxed thread.

Nos.	J65–12	J65–14
Circumference, in.	12	14
Dozen in box	1	½
Wt. per dozen, lbs.	5¾	8¾
Per dozen	$19.10	25.75

GOLDSMITH SUPERIOR

Plain Seam

A low priced ball made with compressed yarn wrapped center. Genuine grain horsehide cover, stitched with red waxed thread

Nos.	J60–9	J60–12	J60–14
Circum., in.	9	12	14
Dozen in box	1	1	½
Wt. dozen, lbs.	3½	5¾	8¾
Per dozen	$6.75	12.35	19.00

FIELDERS' GLOVES

GOLDSMITH

Leo Durocher Model

A professional model made of genuine Gluv-Hide. Fully lined with genuine horsehide. Leather bound, leather laced wrist with metal eyelets. Leather welted diverted finger seams. Double tunnel web with rawhide lacing between thumb and forefinger. Well padded in heel, thumb and little finger. Deep ball pocket. Inner processed (greased) palm.

Each

No. LD—Weight each 1¼ lbs. . $15.75

Melvin Ott Model

Made of selected Flexo Gluv-Hide. Full leather lined. Leather welted seams and diverted finger seams. Leather laced wrist with metal eyelets. Leather laced between thumb and forefinger. Well padded in heel, thumb and little finger.

Each

No. MO—Weight each 1¼ lbs. . $12.00

DENKERT

Major League Model

Made of selected golden tan horsehide. Seams welted Full leather lined. Leather laced. Padded with best grade felt. Inner face heavily treated with grease.

Each

No. F85—Weight each 21 ozs. . . $7.50

All above, one in a box.

FIELDERS' GLOVES

DENKERT

Major League Model

Made of selected oil dressed steerhide V-back construction. Full lined. Strap and buckle at wrist. Leather laced. Padded with best grade felt.

Each

No. G215—Weight each 21½ ozs **$5.70**

One in a box.

Oversized Player Model

Made of selected golden tan horsehide Seams welted. Greased inner pocket. Leather laced at wrist and between thumb and forefinger. Full leather lined. Padded with best grade felt

Each

No. G67—Weight each 20 ozs... **$5.25**

One in a box.

Full Size Professional Model

Made of selected oiled horsehide. Full leather lined. Leather laced at wrist and thumb. Padded with best grade felt.

Each

No. G45—Weight each 20 ozs.. **$4.50**

One in a box

FIELDERS' GLOVES

DENKERT

Large Boy's Size Model

Made of good grade golden tan horsehide. Full palm leather lining. Laced at wrist. Padded with good grade felt.

Each

No. G42—Weight each 14 ozs... **$3.00**

One in a box

Large Boy's Size Model

Made of oil tanned leather. Full leather lined. Padded with good grade felt.

Each

No. G41—Weight each 8 ozs.. **$2 40**

Six in a box.

CATCHERS' MITTS

GOLDSMITH

Walter ("Butch") Henline Model

Selected golden brown cowhide. Hand molded felt pad shaped to form deep ball pocket. Inner processed (greased) palm. Rawhide lacing between thumb and palm. Leather bound, leather laced edge with metal eyelets. Buckle and strap at wrist, wool shearing wrist protector.

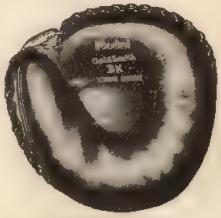
Each

No. WH—Weight each 2½ lbs. **$33.55**

One in a box.

CATCHERS' MITTS

GOLDSMITH



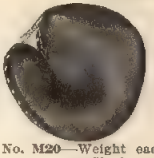
Bill Killifer Model

Sturdy, dependable, well built. Genuine tan cowhide. Inner processed (greased) palm. Leather bound, leather laced edge with metal eyelets. Leather lace between thumb and palm. Deep in-built-ball pocket. Buckle and strap at wrist, wool shearing wrist protector.

Each

No. BK—Weight each 2¼ lbs .**$18.00**

DENKERT



Boys' Size

Palm and fingers made of chrome tan sheepskin back of heavy fabric. Correctly padded. Laced edges.

Each

No. M20—Weight each 16 ozs..**$2.40**

Six in a box.

Full Size Major League Model

Molded type. Made of oiled cowhide leather bound and leather laced edges. Hand made felt padding. Finger protector at back. Strap and buckle at wrist.

Each

No. M30—Weight each 33 ozs **$11.25**

One in a box.

Major League Model

Selected golden tan cowhide. Hand made asbestos felt padding. Finger protector. Leather laced and leather bound edges. Strap and buckle at wrist. Heavily greased inner face.

Each

No. M33—Weight each 32 ozs..**$14.60**

One in a box.

Men's Size Scoop Model

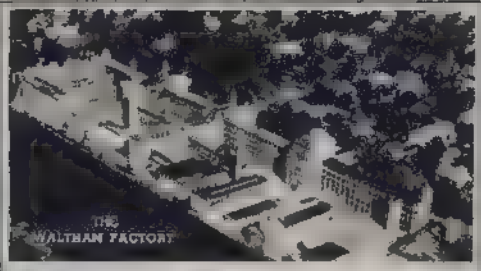
Face made of oil dressed horsehide, back and fingers of heavy brown leather. Specially constructed padding. Laced edges. Strap and buckle at wrist.

Each

No. M216—Weight each 19 ozs..**$4.50**

One in a box.

WALTHAM
FIRST AMERICAN WATCHMAKER



35100—12-size, 17-jewel yellow [illegible]

35103—12-size, 17-Jewel Yellow thin model 14 karat gold filled case, buller back $45.00

35104—12-size, 17-Jewel White thin model 14 karat gold filled case, buller back . $45.00

35105—12-size, 17-Jewel Yellow thin model 14 karat solid gold case, buller back $90.00

35106—12-size, 17-Jewel White

[illegible] Jewel Yellow 10 karat rolled gold plate case, [illegible] $5.00

35102—10-size, 7-Jewel Yellow Colonial 5 Maximum 14 karat solid gold case, buller back $[illegible]

35101—10-size, 23-Jewel White Colonial 5 Maximum 14 karat solid gold case, buller back $[illegible]

Waltham Watches are guaranteed to be free from defective material or workmanship.

35111—7-Jewel Yellow 10 karat rolled gold plate case with strap $26.50

35112—7 Jewel nickel chromium plate case with strap $22.00

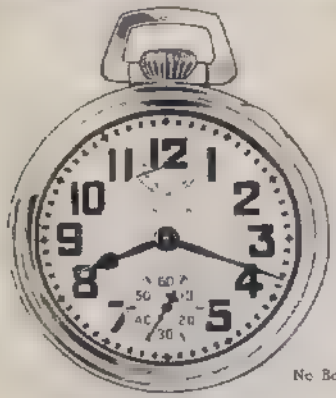
No Box

35109—16-size 7-Jewel Yellow 10 karat rolled gold plate case, engraved back. $23.50

35110—16-size, 7-Jewel White 10 karat rolled gold plate case, engraved back $23.50

35114—7-Jewel Yellow 10 karat rolled gold plate case with link band $29.50

35115—7-Jewel nickel chromium plate case with link band $23.50



No Box

35116—16-size, 23 Jewel Vanguard white polished durable railroad model buller back case $60.00

35117—16-size, 23 Jewel, Vanguard Yellow 10 karat gold filled railroad model buller back $60.00

35118—16-size, 23-Jewel Vanguard White 14 karat gold filled railroad model buller back $87.00

ALL WATCHES DELIVERED IN ATTRACTIVE CHROMIUM TRIMMED GIFT BOX
ILLUSTRATIONS 7/8 ACTUAL SIZE

WALTHAM
FIRST AMERICAN WATCHMAKER

Waltham and Illinois Pocket Watches

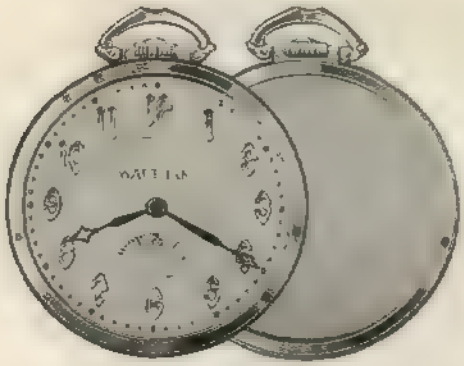
21 JEWEL COLONIAL RIVERSIDE

Raised gold settings, compensating balance, patent detachable balance staff, bregget hairspring, double roller escapement, sapphire jewel pin steel escape wheel, patent micrometric regulator, tempered steel safety barrel, exposed winding wheels. Adjusted to temperature and five positions. Etched dial. Complete with presentation box. Extra feature of box is that it can be used as a cigarette or jewel box after the watch is in use.

46 B01. 16 size 14K Solid Gold White or Yellow Case Boxed. Each ... $105.00
46 B02. 16 size 10K Rolled Gold Plate White or Yellow Case Boxed. Each 52.50
46 B03. 16 size Stainless Steel Case Boxed. Each ... 48.50

Watches like all other mechanical assemblies require repairing. It's important that when they do that they be placed in the hands of skillful repairmen. We maintain for the convenience of our dealers a Grade A shop that renders a service that will please and satisfy you. SEND US YOUR JEWELRY AND WATCH REPAIRS. Every watch should be inspected and overhauled once a year.

The memory of any gift occasion should be indefinitely prolonged. Nothing quite takes the place of a suitable engraving. *See Page 174 For Styles.*



12 SIZE, 17J, 3 POSITION WALTHAM

Royal Colonial thin model movement with secometer, complete in Keystone 14k white or yellow gold filled case. Complete with presentation box.

46 B04. 14K White or Yellow Gold Filled. Each $52.00
46 B05. Stainless Steel Case. Each ... 40.00

ILLINOIS WATCHES

MODEL 108

Bunn Special Elinvar Railroad Watch. 10K. natural gold filled case. 16 size. 21 jewels, $60.00 retail.
46 B06. Each ... $62.40

Bunn Special "Elinvar," as above in 23 jewels. $70.00 retail.
46 B07. Each ... $67.20

Bunn Special "Elinvar" 14K white or natural gold filled case, 21 jewel movement. $65.00 retail.
46 B08. Each ... $62.40

Bunn Special "Elinvar" above watch with 23 jewel movement. $75.00 retail
46 B09. Each ... $67.20

BUNN SPECIAL ELINVAR RAILROAD WATCHES

60 Hours—6 Positions

21 OR 23 JEWELS

The Illinois Bunn Special ELINVAR Railroad watches are famous for their rugged construction, accuracy and long life. They have the rustless Elinvar hairspring and solid balance wheel which remain comparatively unaffected by magnetism or temperature changes. These features are in addition to the famous 60 hour mainspring which is an exclusive feature of Illinois Railroad watches.

Exclusive License Under U. S "Elinvar" Patents No. 1,313,291 dated August 19th, 1919 and No. 1,454,473 dated May 8th, 1923. "Trade Mark 'Elinvar' Reg. U. S. Pat. Off."

MIDLAND MODEL

Illinois, 17 Jewel thin model Movement is adjusted. Large figure dial. Complete in case.

46 B10. 10K White Gold Filled Case. Each ... $47.10
46 B11. 10K Yellow Gold Filled Case. Each ... $47.10

HOCKEY STICKS.

ONE PIECE ROCK ELM.

These one piece hockey sticks are made of the finest rock elm, carefully finished, balanced and graded. Nicely shaped neutral beveled blade. They represent the results of years of experience in the selection of raw material and wood working.

No detail has been neglected in making and they are first class in every respect. Boy's sticks are same quality as men's, but smaller in size. Goal keeper's stick is made full limit of the size allowed under the rules. This is done by adding a strip of wood attached firmly and in such a way as to make the stick more effective than the ordinary style.

SALYERDS.

SCOUT.

Per Dozen

No. S-35—Hockey Sticks; boy's; handles, 38 to 42 inches long.....$3.50

JUNIOR.

No. S-45—Hockey Sticks; same quality as men's sticks; handles, 38 inches long..... 4.50

ROVER.

No. S-75—Hockey Sticks; men's seconds; a full size excellent stick for practice; many of them are equal to the high grade sticks..... 8.00

COLLEGIATE.

No. S-105—Hockey Sticks; a trifle lighter stick and narrower in the blade; handles, 48 to 50 inches long.....10.50

AVOCA SPECIAL.

No. S-160—Hockey Sticks; taped handles, 48 to 52 inches long; shellacked blade, 12 inches long, 2¼ inches wide.. 16.00

CANADA SPECIAL.

No. S-240—Hockey Sticks; polished finish; taped handles, 48 to 52 inches long; taped and shellacked blades, 12 inches long' 2¼ to 2½ inches wide..... 24.00

AMERICAN LEAGUE.

No. S-270—Hockey Sticks; taped handle, 48 to 52 inches long; taped and shellacked blade, 12 inches long, 2¼ to 2½ inches wide..... 27.00

GOAL.

No. S-00—Hockey Sticks; full size goal keeper's stick; blade, 12 inches long, 3 inches wide; handles, 48 to 52 inches long.....40.00

WAN-GARD.

JUVENILE.

Per Dozen

No. S-W25—Hockey Sticks; a sturdy stick for the small boy; handles in assorted lengths about 36 inches long; weight per dozen, 12 lb.....$4.80

BOYS SENIOR.

No. S-W65—Hockey Sticks; a fine stick for young fellows; good quality; handles, 40 inches and up; weight per dozen, 14 lbs..... 9.60

PRACTICE.

No. S-W100—Hockey Sticks; good sized blade; designed to permit hard usage; very popular model; handles, 48 to 53 inches; weight per dozen. 16 lbs..... 14.40

AMATEUR.

No. S-W140—Hockey Sticks; a good serviceable, nicely finished stick for all around play; regulation handle lengths; weight per dozen, 17 lbs..... 19.20

SENIOR.

No. S-W190—Hockey Sticks; model used by many amateur, college and high school players; made from choice, straight grained rock elm, thoroughly seasoned, nicely finished, pinned and waxed blade; regulation handle lengths.... 25.00

VIKING.

No. S-280—Hockey Sticks; finely balanced, carefully finished; 54-inch handles; blade shellaced, weight per dozen, 17 lbs..... 28.00

HOCKEY PUCKS.

Per Dozen

No. S-15P—Pucks; first quality, league regulation; weight per dozen, 6 lbs...$3.60

STEEL TOE CAPS.

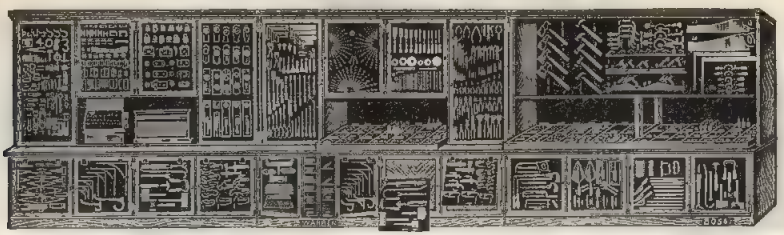
JOHNSON.

A steel cap completely covering and protecting the toes, offering improved protection against the sharp blow of the puck or stick. The advantages are two-fold, offering better protection with correct fitting "laced-to-the-toe" shoe. An improvement that not only serves the professionals, but is equally interesting and obtainable by every boy.

Per Dozen Pair

No. S-115—Skate Toe Caps .$12.00

✠WARREN SECTIONAL STORE FIXTURES



No. 8372 No. 8370	No. 8909 No. 8188	No. 8981 No. 8188	No. 8912 No. 8156	No. 8372 No. 8370

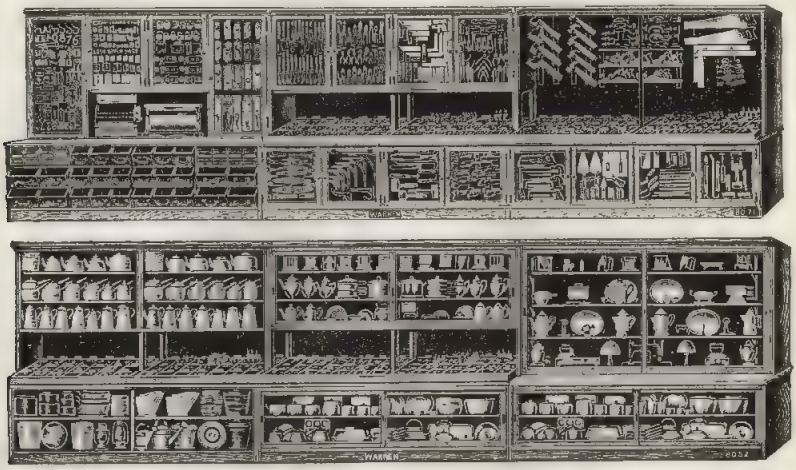
Each

✠**No. 8056**—Combination, as Illustrated, with Plain Display Panels and Enamel Finished Sample Boards, Without Glass; Weight Packed for Shipment, 2345 lbs. **$730.00**

No. 8372 No. 8370	No. 8419 No. 8188	No. 8405 No. 8188	No. 8912 No. 8179	No. 8372 No. 8370

Each

✠**No. 8068**—Combination; Same as No. 8056 Combination Illustrated Above, Except Cabinet Units Nos. 8909, 8981 and Base Units No. 8156, Furnished with Glass Display Panels and Enamel Finished Sample Boards, Weight Packed for Shipment, 2475 lbs. **$770.20**



No. 8372 No. 8370	No. 8948 No. 8124	No. 8940 No. 8119	No. 8250 No. 8119	No. 8372 No. 8370

Each

✠**No. 8052**—Combination, as illustrated, with Plain Display Panels and Enamel Finished Sample Boards, Without Glass; Weight Packed for Shipment, 2285 lbs. **$625.20**

No. 8372 No. 8370	No. 8943 No. 8124	No. 8942 No. 8124	No. 8855 No. 8124	No. 8372 No. 8370

Each

✠**No. 8062**—Combination; Same as No. 8052 Combination Illustrated Above, Except Cabinets Nos. 8940, 8250 and Base Units Nos. 8119 are Furnished Without Sliding Glass Doors; Weight Packed for Shipment, 2030 lbs. **$516.00**

The Above Combinations of Warren Fixtures, Arranged for Right or Left Side of Store as Desired, with Cabinet Units 20 inches Deep and Base Units 30 inches Deep, is 25 feet, 2⅛ inches Long; 7 feet 1½ inches High and Composed of Three Cabinet Units, Three Base Units and the Necessary Finished Ends for the Two Exposed Ends.

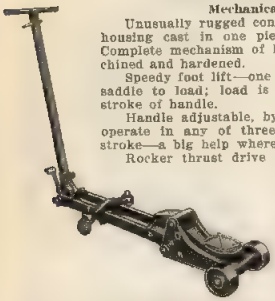
The Units for Above Combinations can be Re-arranged, others Substituted, or Additional Units Added for Greater Length or Height, if Desired, to Suit Any and All Requirements.

Complete Catalog of Warren Fixtures, Display Tables, Nail Bin Counters, Cutlery Cases, Etc., Furnished Upon Request.

The Above Illustrations are but Two of the Many Combinations Possible; See J. D. Warren Catalog No. 31 for Details.

Items Marked ✠ Not Carried in Stock; Can Only be Furnished by Shiping Direct from Factory, F. O. B., Montpelier, Ohio.

AUTOMOBILE JACKS
WEAVER BULLDOG
Mechanical Type



Unusually rugged construction. Entire front housing cast in one piece to insure rigidity. Complete mechanism of high carbon steel, machined and hardened.

Speedy foot lift—one stroke instantly raises saddle to load; load is then lifted with first stroke of handle.

Handle adjustable, by means of trigger, to operate in any of three positions with short stroke—a big help where space is limited.

Rocker thrust drive eliminates wear

Ample capacity and lifting range.

Working parts enclosed ideal for car washing.

Easily operated under overhanging bodies—frame and handle have combined length of 84 inches.

Foot pedal saves operator's time and his back.

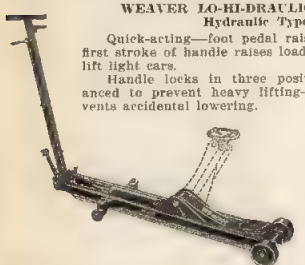
Complete with adapter which increases lift to 19 inches.

Each

No. WA50—Metal wheels, cap. 5000 lbs., lift 4⅞ to 16 in., length frame 44 in., length handle 40 in., width over all 17 in.; wt. each 135 lbs. *$37.50*

No. WA51—Cushion wheels, otherwise the same as No. WA50; wt. each 130 lbs. *51.50*

WEAVER LO-HI-DRAULIC
Hydraulic Type



Quick-acting—foot pedal raises saddle to car; first stroke of handle raises load. Foot pedal will lift light cars.

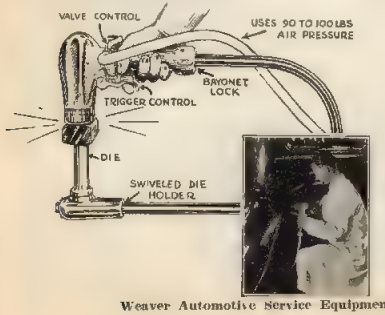
Handle locks in three positions—spring balanced to prevent heavy lifting—safety lock prevents accidental lowering.

Specially designed to meet requirements of extra lift made necessary by the 1934 knee-action cars — will raise the tires 10 inches off the floor.

Each

No. WA40—Metal wheels, cap. 6000 lbs., lift 4¾ to 24 in., length frame 55¾ in., length handle 42 in., width at casters 17 in.; wt. each 190 lbs. *$54.50*

No. WA41 Cushion wheels, otherwise the same as No. WA40; wt. each 185 lbs. *68.50*



AUTOMOBILE JACKS
WEAVER ALL-PURPOSE
Hydraulic Type

A jack that will handle any and every job in the shop. Combines in one unit, ease of operation, tremendous lifting power, safety and speed.

Quick-acting—foot pedal raises saddle to load, handle easily lifts load. Foot pedal will quickly lift passenger cars and light trucks.

Safety lock at base of handle, easily tripped by foot, prevents accidental lowering.

Spring balanced handle remains in desired position.

Lifting mechanism contained within frame, enabling jack to be used where point of support is near tire. Large saddle easily pivots while rigidly supporting load.

Heavy channel steel frame, electrically welded. Ball and roller bearing casters. By-pass valve prevents overloading. Ball valves easily accessible by removing plug at top of cylinder—positive action of valves without springs. Large bearings with Zerk fittings for lubrication. Screen at intake conveniently located at base of cylinder, quickly cleaned if necessary.

Each

No. WA80—Cap. 20,000 lbs., lift 6 to 24 in., length frame 66 in., length handle 43 in., width over all 19½ in.; wt. each 375 lbs. *$129.00*

WEAVER CURB
Mechanical—With Folding Handle

The only service jack on the market with a folding handle. Can be folded up and carried conveniently for road service.

The jack-knife handle instantly latches in either open or closed position, making it easy to carry when folded and rigidly solid when extended When used in shop, handle may be folded against car bumper—out of the way with no danger of being run over and smashed.

Quick-acting—hand lever instantly raises saddle to load Load itself is lifted with first stroke of handle

Complete with adapter which increases lift to 20 inches.

Each

No. WA60—Cap. 3,000 lbs., lift 4¼ to 17 in., length extended 51 in., length folded 38 in.; wt each 55 lbs. *$17.50*

PNEUMATIC HAMMERS
WEAVER
For Body and Fender Straightening

Used on fenders, doors, tops and all sheet metal straightening work Fits all of the sweeps and curves of modern stream-lined cars, reaching any part of the fenders, body, hood or tire cover. Delivers 4,000 strokes per minute and can be regulated to any desired speed and power; gentle enough for the lightest metal or strong enough to handle the heaviest metal with ease.

Used with any standard air compressor delivering 90 lbs. or more pressure—110 to 175 lbs. air pressure recommended.

Furnished with eight instantly changeable dies for every type of work, and a special deep-throated arm that gives immediate access to skirted fenders and similar hard-to-reach places

Each

No. WH20—Complete with 2 arms, 8 dies, 1 20-ft. pressure hose with fittings, 1 metal box for dies; wt. each 50 lbs. *$67.50*

Prices on this Page are Net to the Dealer

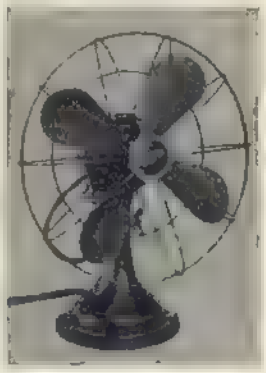
Weaver Automotive Service Equipment Adopted as Standard in Many City Testing Stations

EVERY HOUSE NEEDS **Westinghouse** QUALITY BACKED BY A MIGHTY NAME

Fans and Electric Ironers

Handsome low-priced fan with 8" blades either oscillating or non-oscillating type. Silent mechanism—improved safety guard. Alternating current, 60 cycle 110 volt. Black finish.

231 E01. 8 inch Oscillating. Each $35.92
231 E02. 8 inch Stationary. Each . 7.36



Smart richly finished 10" fan—available in either oscillating 3 speed—or non-oscillating single speed. A quiet economical fan for home or office. Black finish. Alternating current, 60 cycle, 110 volt.

231 E03. 10 inch Oscillating. Each $23.92
231 E04. 10 inch Stationary. Each 15.92

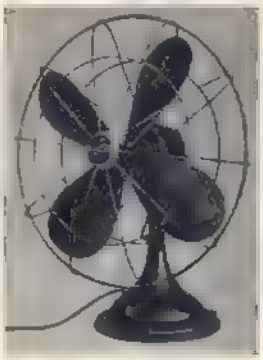
Beautiful new Masteraire Model with 12" blades—using recently developed capacitor motor. Three speed fan—either oscillating or non-oscillating. New quiet warp-proof Micarta blades.

231 E05. 12 inch Oscillating. Each $42.40
231 E06. 12 inch Stationary. Each 36.00

WESTINGHOUSE

MASTER IRONER

You can enjoy refreshing breezes from an economical Westinghouse Fan for as little as one cent a day. On hot days and sultry nights its marvelous power will help you keep "on top of the world". Order hot weather relief today—for today, for years from now.



A larger Masteraire Fan—with 16" Micarta blades—three speed capacitor motor—oscillating type only. A heavy duty, yet easily portable fan for homes, offices, stores, etc.

231 E07. Masteraire. Each $53.60

This beautiful new Westinghouse Ironer sets a new high standard in electric ironer utility. The charmingly designed and finished table is strong, durable steel throughout—a smart addition of everyday usefulness in any kitchen. Fused into the base metal in a 1700° oven, the beautiful, harmonious cream and suntan porcelain enamel on the top resists cracking, chipping—is not affected by fruit acids. Lustrous cream and suntan enamel is *baked* on the ironer headcasting, and on the sides and legs of the table.

The simple, convenient controls and automatic features, plus the practical worktable in which the ironer rests make this new Westinghouse Ironer the ideal investment for every family. The housewife sits down in comfort while the powerful Westinghouse motor does all the heavy work. Ruffled curtains, baby things, dresses, shirts, lingerie—all can be ironed crisp and smooth, easily, with as much as 50% saving in time and effort. The ironer comes equipped with ten feet of heavy duty Underwriters' approved cord and soft rubber attachment plug

60 Cycle, 110 Volt, Alternating Current.

231 E08. Master Ironer. Each $141.80

In many homes the Westinghouse Master Ironer not only lightens the housewife's burden on ironing day, but serves as a useful kitchen table three times a day the remaining six days a week.

EVERY HOUSE NEEDS **Westinghouse** QUALITY BACKED BY A MIGHTY NAME

Electric Washers

Standard Washer

A large capacity wringer type washer with safety "Touch Bar Release" wringer and four-vane exclusive "Pari-Vane" water impeller. Washes 7 lbs. of clothes *per load* (dry weight)—60 lbs. per hour. Water capacity, 15 gallons. Tub has three coats of gleaming, durable porcelain enamel inside and out. Beautiful cream and suntan colors. Underwriters'-approved rubber-covered cord has unbreakable soft rubber plug. Legs riveted and welded in place, then braced—sturdy. Casters are mar-proof hard rubber—won't mark floors. Available with or without automatic water discharge pump.

232 E01. With Pump. Each **$119.30**
232 E02. Without Pump. Each **104.30**

De Luxe Washer

A distinctly new and beautiful Westinghouse Finger-Touch Washer with *double* tub construction to maintain water temperatures. Dual Finger-Touch controls for both water impeller and wringer. Exclusive four-vane "Pari-Vane" water impeller. Tub has *three* coats of durable porcelain enamel inside. Beautiful cream, suntan, and jet black colors. Eight lbs. per load—washes 65 lbs. of clothes (dry weight) per hour. Water capacity, 16 gallons. Tub size: 15" deep; 22" in diameter. Rubber shock-absorber under tub for *quiet* operation. Adjustable height from 39¼" to 43¼". Two-inch rubber-tired, noiseless casters. Equipped with rubber-covered Underwriters'-approved cord and soft rubber attachment plug. Available with or without water discharge pump.

232 E03. With Pump. Each **$209.30**
232 E04. Without Pump. Each **194.30**

SPINNER DRYER

SAFEST WASHER EVER MADE

Fully enclosed for all 'round protection. No sharp projecting edges. No danger of tearing clothes or causing personal injury to the user or inquisitive children. More simple, more safe to use than any washer ever made. Two levers right below the splash ring control every washing operation. No moving parts are exposed while the impeller or the spinner basket are in operation.

EXCLUSIVE "PARI VANE" WATER IMPELLER

Aluminum; scientifically designed for *"cushioned"* washing. Rust-proof bronze bearing at bottom. Eight wings for both top and bottom water agitation. 960 separate water actions per minute. *Clothes can't tangle or twist.* Drive shaft is precision-machined to 1/5 the thickness of a human hair. Bronze splined drive at top prevents rust and wear. A cap screw at the top of the shaft keeps impeller firmly in place all the time.

WASHES, DRIES AT THE SAME TIME

Does all four washing operations—thoroughly washes, blues, rinses, damp-dries with unusual *speed*. Saves time for the housewife because more clothes can be washed while a previous batch is drying in the spinner. No heavy lifting—clothes may be rolled into the spinner basket from the tub in a few seconds without putting the hands into the hot, soapy water. Just use a clothes stick. No need to lift each piece separately.

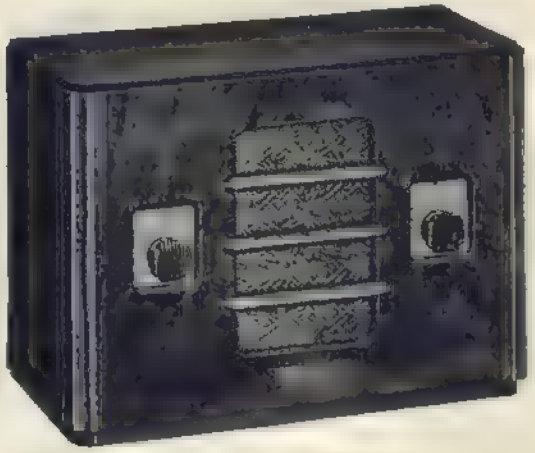
MOST EFFICIENT DRYER

The Spinner-Dryer removes 30% more water from clothes than the best wringer in only one-fourth the time. They dry more evenly, without deep, hard-to-remove creases. Ideal for pillows, woolens, bedding, rag rugs, overalls, etc. After washing, centrifugal force dries perfectly heavy things like these which should never be put through a wringer—another added economy of this type of washer.

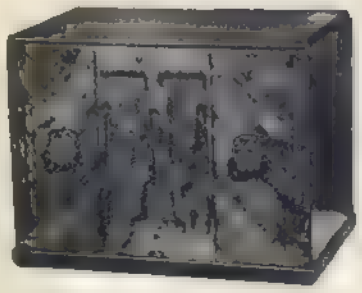
The advanced Westinghouse Spinner-Dryer. Eight lbs. per load—washes 65 pounds of clothes per hour (dry weight). Holds 16 gallons of water. Tub is *cushioned* on a rubber shock-absorber for smooth, *quiet* operation. Both inside and outside of the tub and inside of dryer are of sparkling clean porcelain enamel, permanently baked into "Armco" base metal at 1700 degrees. This finish will not chip or crack easily, nor is it affected by varying temperatures during ordinary use. Beautiful cream and suntan colors. Automatic water pump included. Floor space, 24 inches by 37 inches. Large, easy-rolling, strong steel casters. Equipped with Underwriters'-approved rubber-covered cord and soft rubber attachment plug.

232 E05. Each **$186.80**

Genuine Westinghouse Radios



Here is a line that includes everything your customers can want in radio—outstanding performance, beauty in cabinet, smart design and finish. All at prices that are startling for such a quality product.



COMPACT SET FOR DUAL-WAVE RECEPTION
WR-21

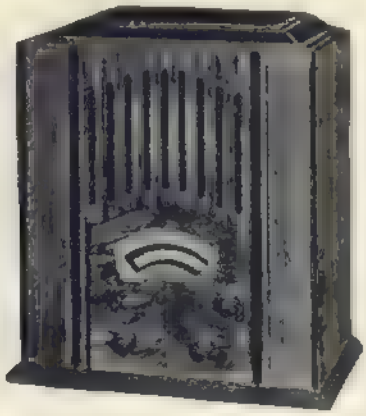
Dual Wave, range from 100 to 550 meters, or from 3000 to 4000 kilocycles, with 3 tuned circuits. Operates on either AC or DC current, 100 to 125 volts, 25 to 75 cycles. 5 TUBE SUPERHETERODYNE with dynamic speaker. Brings in with great clarity airplane and landing field signals, amateur stations, and regular broadcast programs. Built in aerial. An ideal set for the traveler and as an auxiliary set in the home. Finished in fine figured walnut, with front of highly figured butt walnut, with ivory trimmings. Dimensions 7¾" high, 10½" wide, 5¾" deep. Easy to carry, weighs only 8 pounds.

359 L01. Complete **$47.92**

ALL-WAVE CONSOLE MODEL
WR-24

Nine tube performance with 7 RCA tubes Superheterodyne, with 12" full floating cone dynamic speaker. Four wave bands, covering four ranges with range from 540 kilocycles to 20,000 kilocycles or from 555 meters to 15 meters. Only 3 tuning dials on panel. Special gear reduction and 3 gang condenser for fine tuning. Improved continuous automatic tone-control and automatic volume control. Hand finished cabinet, in figured walnut, with pilasters of tinted maple burl. Fine Underwriters Laboratories Approval R. M. A. seal. Dimensions 37" high, 22½" wide, 12" deep.

359 L04. Complete **$154.26**



ALL WAVE TABLE MODEL
WR-23

Nine tube performance with 7 tubes. Superheterodyne, eight inch speaker, full floating cone dynamic, four wave bands, controlled from one dial, with range from 540 Kilocycles to 20,000 Kilocycles or from 555 meters to 15 meters on the same dial, by means of three gang condenser for fine tuning. Automatic tone-control, full automatic volume control. Hand finished cabinet, in patterned walnut, decorated with American hardwood, Fire Underwriters Laboratories Approval R. M. A. seal. Dimension 17⅝ in. high, 14½ in. wide, 8¾ in. deep.

359 L03. Complete **$101.26**

DUAL-WAVE MIDGET SET
WR-22

This Westinghouse Dual Wave "Mighty Midget" gives you especially fine reception of police, airplane landing field and amateur signals, as well as regular broadcast programs in the range from 75 to 550 meters, from 4000 to 540 kilocycles. Five tube, superheterodyne, with dynamic speaker. Station tuning dial is calibrated in kilocycles, with two bands on same dial. Broadcast short wave switch and station selector. Operates only on AC current 110-120 volts, 60 cycle. Cabinet of American Walnut veneer, front of matched butt walnut, with ivory inlay trimmings. Finished in hand rubbed lacquer. Dimensions 15½" high, 10¼" wide, 7" deep.

359 L05. Complete **$47.92**

All Radios Priced Complete
With RCA Tubes

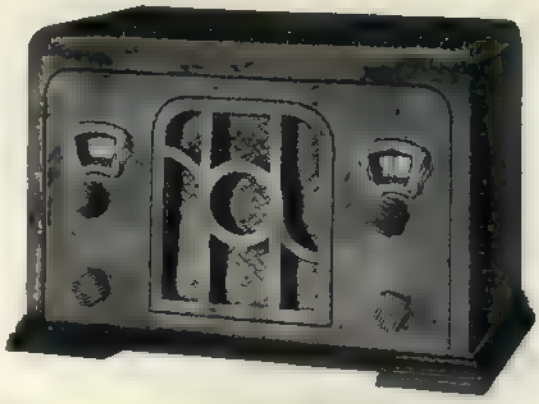
AUTOMOBILE RADIO
WR-25

Six tube, superheterodyne set, dynamic speaker, with 2 tuned R F circuits. Diode detection, electron-coupled oscillation, giving the advantages of selectivity and extreme quietness. Delayed automatic volume control, spark peak suppressors and generator condenser. .175 kilocycle intermediate frequency for greater selectivity. Airplane type illuminated dial clamps on steering column. Heavy sheet steel case and chassis. Remarkable value will appeal to every owner.

359 L06. Complete **$59.92**

Goldentone Balanced Radios

GOLDENTONE RADIOS ARE BUILT TO A STANDARD THAT GUARANTEES SATISFACTION



4 TUBE AC-DC MODEL

A beautiful 4 tube AC-DC compact model, housed in a solid walnut figure cabinet equipped with a full dynamic speaker, a short and standard wave switch with a tuning range of 75 to 340 and 190 to [illegible] meters. Included in this range are the police calls, aeroplane signals and amateur broadcasts. This is a highly balanced receiver giving [illegible] clarity over the entire musical scale. This receiver has a built in antenna and [illegible] the users will be astounded as well with amazing performance. Operates on 105 to [illegible] AC or DC current and is [illegible] Size dimensions [illegible] wide, 12" deep and [illegible] high.

360 L01 Complete With Tubes. Each $29.00
360 L02. In Lots of Three. Each.... 28.00

5 TUBE SUPERHETERODYNE

Short and broadcast wave (75 to 200 meters and 190 to [illegible] meters). A beautiful five tube AC-DC superheterodyne receiver housed in an attractively burled walnut cabinet with a piano rubbed piano finish. The [illegible] employs five of the latest design tubes and [illegible] engineering [illegible] enabling you to receive stations clearly and with a true tone reproduction. Has [illegible] dynamic speaker tone control, giving you the desired [illegible] Uses [illegible] tubes. The [illegible] for the entire range [illegible] Has [illegible] and broadcast wave [illegible] Includes in the range [illegible] police calls, aeroplane signals, ships at sea and amateur broadcasts. The set operates on 105 to 120 volts AC and DC and [illegible] cycles. The dimensions are [illegible] wide, [illegible] deep and 8¾" high, and licensed under RCA and Hazeltine patents.

360 L03. Complete with Tubes. Each $40.50

GOLDENTONE radios are built under the RCA, Hazeltine and Latour patents, and are of international reputation. Nothing finer has been engineered that can surpass the performance of these receivers.

All Prices Subject to Regular Catalog Discount

4 TUBE MANTEL TYPE MODEL

This is a beautiful mantel type receiver. Due to its six inch dynamic speaker and carefully matched audio system, gives [illegible] tone quality and mellow richness to the voice. Its [illegible] cabinet of modernistic design is enhanced by a [illegible] and [illegible] dial. Police calls and amateurs on the 75 or 200 meter band may be had at the flip of the short wave switch. Employs four tubes in an advanced circuit [illegible] 105 to 120 volt alternating current and from 50 to 60 cycle. The dimensions are 10½" wide, 8½" deep and 13½" high.

360 L04. Complete With Tubes. Each $29.25
360 L05. In Lots of Three. Each 27.50

Do not hesitate in offering this line to your trade as you can feel assured the reaction will be most gratifying and profitable. Each cabinet is an individual work of art and offers a beautiful setting for any room.

"ROUND THE WORLD" TABLE MODEL 5 TUBES

Dual wave table model. All of the United States and Foreign Broadcast stations [illegible] Berlin, Rome, Madrid, Australia and South America. A [illegible] table model, five tube superheterodyne receiver, housed in a [illegible] cabinet of unique design. The [illegible] is of an unusual [illegible] pattern of contrasting [illegible] figured butt walnut. It takes in practically all broadcast stations in the world. Standard broadcast band [illegible] 550 to 1800 kilocycles and the short wave band from 6 to 17 megacycles. Electro-dynamic speaker, exceptional tone quality, automatic volume control offers [illegible] of all stations and in addition minimizes fading. Dimensions 27" wide, 9½" deep and 15" high. Has a three inch [illegible] and operates from 105 to 120 volt AC current, 50-60 cycles.

360 L06. Complete With Tubes. Each $50.25

"ROUND THE WORLD" CONSOLE MODEL 6 TUBES

An [illegible] console. Extremely [illegible] in its modern [illegible] and [illegible] of cutting and ultra sensitive six tube superheterodyne chassis employing the latest engineered [illegible], brings in stations from all sections of the world. Covers a tuning range from 6 to 16 megacycles [illegible] to 2 megacycles and the standard broadcast band 545 to 1660 kilocycles. Has an illuminated three [illegible] airplane type dial, automatic volume control, tone control, electro-dynamic speaker, three gang condenser with increased sensitivity and selectivity. Dimensions are 22" wide, 12" deep and 36" high.

360 L07. Complete With Tubes. Each . . . $77.85

LUCKY STUFFED TOYS

We manufacture everything in Fur and Plush Animals for Every Class of Trade.

LUCKY TOY CO., Inc.
39 West 21st Street New York City
Telephone GRamercy 5-1132

BE SURE and SEE THIS NEW SELLER!

WHIRL-GLO

Revolving SHADES FOR BEAUTIFUL CHRISTMAS TREES

SEE OUR DISPLAY AT THE NEW YORK TOY FAIR HOTEL McALPIN ROOM 417

SALES-TESTED IN 1934

SAIL-ME CO. INC.
440 SOUTH DEARBORN ST., CHICAGO, ILL.
Manufacturers of the 36 Million Sail-Me Airplanes

New Calgary Suit. Genuine leather chaps and vest. A real buy.

Vacation Time Is Cowboy Time

Our spring and summer line of fast moving snappy new California made *Lasso 'em Bill* western cowboy play suits, holsters and toy guns will be on display during the Toy Fair at our New York Showrooms. See it before you buy. Don't disappoint your customers. Order your *Lasso 'em Bill* cowboy outfits and holsters now for the spring and summer trade.

New York Representative
FRED VOETSCH
Permanent Display: 7 East 17th St., New York

KEYSTON BROS.
Manufacturers of Lasso 'em Bill Cowboy Outfits for Boys
755 Mission Street San Francisco

Why the

PRINCE GEORGE HOTEL

is the visiting toy buyers' New York Home

FIVE DELIGHTFUL DINING ROOMS
EXCELLENT CUISINE
REASONABLE RATES
LARGE COMFORTABLE ROOMS
WITH BATH AS LOW AS $2.00 PER DAY
Very Special Weekly Rates

Conveniently located in the heart of the toy district within a stone's throw of the Fifth Avenue Building and all toy displays, the "PRINCE GEORGE" is truly "A Home in the Heart of Things" for the toy buyer, the manufacturer and the entire family.

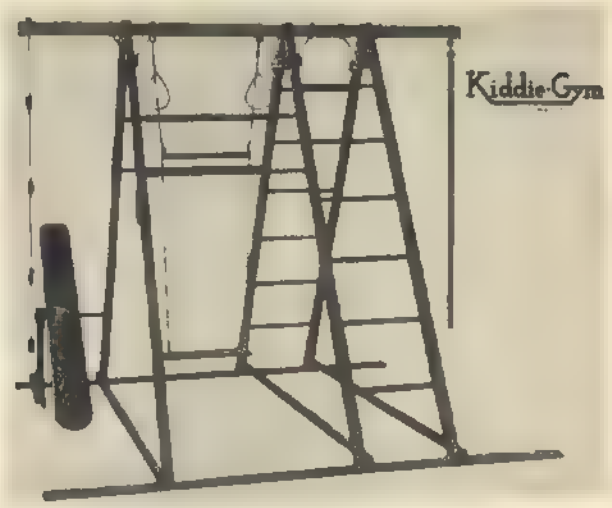
You'll find a cordial welcome at this "Inn of Hospitality"

THE PRINCE GEORGE HOTE 5th Ave. & 28th St. New York City
ALBURN M. GUTTERSON, Manager

We will appreciate your courtesy in mentioning PLAYTHINGS

The Sail-Me Co. Introduce a New Xmas Tree Light Shade known as 'Whirl-Glo'

MERCHANDISE MARKETS ...and MEN



One of the New Numbers in the Kiddie-Gym Line

"WHIRL-GLO," THE NEW XMAS TREE LIGHT SHADE

Aptly calling their latest creation Whirl-Glo," the Sail-Me Company Chicago, are introducing a novel and artistic accessory for Christmas Tree ornamentation. In fact Whirl-Glo is something decidedly out of the ordinary for adding charm and motion to tree electric lighting. To operate, the light bulb is secured in an upright position on the tree branch and the miniature Whirl-Glo shade of translucent parchment is attached to the tip of the bulb by a pivot, whereupon the generated heat of the incandescent bulb causes the shade to slowly revolve in graceful and fascinating fashion. Eight of these little shades, each c everly decorated with a strikingly different holiday design in colors are packed as a set and nicely boxed for counter display, to retail at 50c the set. The Sail-Me Company's exhibit at the Toy Fair will be in room 417 of the Hotel McAlpin, with E. H Pasmore in charge. The manufacturers of Whirl-Glo are particularly desirous of having every buyer attending the toy fair visit their display and demonstration while in New York

MILLER MAKES TOM MIX ITEMS

The Miller Rubber Company, Akron, Ohio, has entered into a licensing agreement with Tom Mix Products, Inc of St. Louis, by which the Miller Company will portray Tom Mix and his horse, Tony, on inflated balls, balloons and in a specially designed inflated toy. Production of these articles have already started and they will be exhibited for the first time at the annual toy fair in New York City in April

Al Moritz

CAL'S COLTS IN MINIATURE

Al Moritz, of the Kiddie Gym Corp announces some brand new adaptations of the well known Cal's Colt. These new creations will be ready to show Toy Fair visitors in Suite 908, 1107 Broadway, New York. Cal's Colt has been put on wheels to retail from $1.00 to $5.00. Several miniature models have been designed in various forms to retail at 10c, 25c, 50c and $1.00. The Kiddie Gym line of playground equipment has also been improved and enlarged for 1935. One of the new gyms is shown here. Mr. Moritz is also displaying the Tyke Toys made by the Menasha Woodenware Corp. Many new numbers for 1935 are included in this interesting line. There are bassinettes, shoofflies, nursery chairs, table and chair sets, doll house furniture, putter pails, etc. Another line being shown by Mr. Moritz is that of Midland Wire and Metal Products. This firm is offering a new line of modernistic juvenile metal furniture. There are some very attractive table and chair sets, the table tops, seats and back rests of which are lithographed in red or nile green. The chair and table frame work is made of 11/32-inch diameter Acme spring steel with a bright Chromolite finish Mother Goose pictures are shown on each piece

PROGRESSIVE DOLL ACCESSORIES

The Progressive Doll Accessories Corp., who have over twenty years' experience in the manufacture of high-grade doll shoes, have greatly enlarged their line with the addition of a complete assortment of doll accessories. Associated with D. Richman, founder of the concern, is M. Greenberg, who is in charge of the line for retail departments. Both Messrs. Richman and Greenberg feel that their new 1935 line has literally innumerable items of interest for retailers who wish to increase their sales volume by handling the most up-to-date line of doll shoes, stockings, socks, doll hospital supplies, etc., it is possible to make Special attention is called to their doll stocking manufacturing facilities, which comprises over sixty machines. A distinct innovation in doll stockings, using lastex material, has been developed. They insure a perfect fit without wrinkles at all times

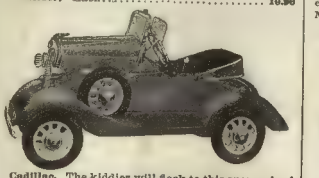
CHILDREN'S AUTOMOBILES

White Ton Truck. This sturdy White Dump Truck is a favorite for kiddies from three to five years of age. Length Overall—62½ inches. Width Overall—19 inches. Finish—Red and black, trimmed in yellow. Dumping Box—13⅝x21 inches heavy metal. End gate automatically opens and closes when box is raised or lowered. Finish—Black. Gear—Ball bearing drive rods and steering gear. Adjustable rubber pedals. Wheels—16-inch disc. 1-inch rubber tires. Equipment—Electric head lights (less batteries). Rooter horn. Balance as shown. Packed each in carton.

No. S2N607. Each..... 10.90

Buick. Every youngster will be keen for this 1934 model equipped with new spoke type wheels. Length Overall—48 inches. Finish—Red with black panels and white striping. Gear—Ball bearing drive rods and steering gear. Adjustable rubber pedals. Wheels—10-inch spoke type disc. ¾-inch rubber tires. Equipment—Bullet type electric headlights (less batteries). Modern streamlines fenders. Front fender apron. Balance as shown. Packed each in carton

No. S2N608. Each..... 10.70



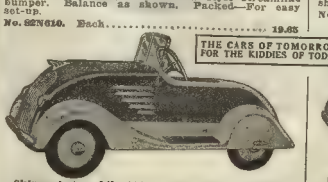
Cadillac. The kiddies will flock to this spare wheel job which is just like Dad's car, electric lights and everything. Length Overall—49 inches. Finish—Two-tone green with yellow striping. Gear—Full ball bearing drive rods and steering gear. Rear springs. Adjustable rubber pedals. Wheels—New AUTOSPOKE type. Roller bearing. 10-inch diameter. 1¾-inch rubber tires. Equipment—Bullet type electric head lights and tail light (less batteries). Modern streamline fenders. Front fender apron. Gear shift. Instrument board. Padded seat. License tag. Chromium plated radiator front, lamps, windshield and steering wheel. New style streamline bumper. Balance as shown. Packed—For easy set-up.

No. S2N610. Each..... 19.65

Studebaker. One of our most popular sellers. It has ball bearings in pedal hangers and rear axle. Its speed and easy riding qualities appeal to children from four to six years of age. Length Overall—46 inches. Finish—Black with orange panels and white striping. Gear—Full ball bearing drive rods and steering gear. Adjustable rubber pedals. Wheels—16-inch spoke type disc. ¾-inch rubber tires. Equipment—Bullet type electric head lights (less batteries). Instrument board. Front fender apron. New type streamline bumper. Balance as shown. Packed.

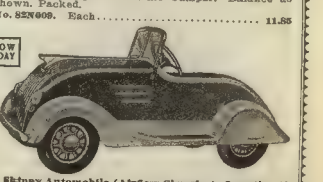
No. S2N609. Each..... 11.85

THE CARS OF TOMORROW FOR THE KIDDIES OF TODAY



Skippy Automobile (AirFlow De Soto). Length—45 inches. Finish—Liberty green with yellow fenders and yellow trim, striped with red. Equipment—As shown, including "De Soto" type electric headlights, chromium plated bumper and windshield. Gear—Full ball bearing pedal hanger brackets, with ball bearing drive rods and steering gear. Adjustable rubber pedals. Wheels—16-inch spoke type disc with "De Soto" embossed hub caps, and with 1-inch rubber tires. Packing—For easy set-up.

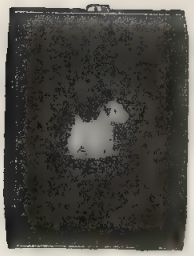
No. S2N611. Each..... 15.50



Skippy Automobile (AirFlow Chrysler). Length—48 inches. Finish—Violet blue chin, buff fenders and buff trim, striped with red. Wheels, buff with red stripe. Equipment—As shown, including "Chrysler" type electric headlights, chromium plated radiator front, bumper, windshield and steering wheel. Gear—Full ball bearing pedal hanger brackets, with ball bearing drive rods and steering gear. Adjustable rubber pedals. Wheels—Autospoke type with chromium plated "Chrysler" embossed hub caps. Packing—For easy set-up.

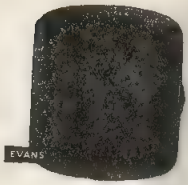
No. S2N612. Each..... 18.95

LADIES'.



Per Dozen

No. C-902—Cigarette Cases; enameled in assorted colors and designs, some with dog design, some with horse design; holds twenty cigarettes, ten on each side.....$9.00



Each

No. C-958—Cigarette Cases; ladies size; holds sixteen cigarettes; French enamel front and back, color, shaded gray with dark edges.....$3.00

Per Dozen

No. C-1002—Cigarette Cases; French enamel on both sides, in assorted colors and designs; holds twenty cigarettes, ten on each side; thin model; chromium edge $15.00

ENAMELED MESH BAGS.

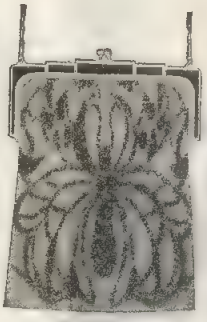
WHITING AND DAVIS.

Each

No. C-7935—Mesh Bags; size, 7x4 inches; Van Dyke point, double valance bottom; mesh consists of enameled colored discs, worked out into various beautiful colors, combination patterns; filigree box frame, two-ball clasp.....$4.50

Each

No. C-4060—Mesh Bags; size, 7x4 inches; silver finished; embossed two-bail frame, enameled in four colors, blue, red, white and black; disc mesh, combination of design; double valance bottom, Van Dyke points; both sides alike; round beaded rope handle..... $17.30



Each

No. C-9710—Mesh Bags; size, 5x6 ins.; enameled in two colors, silver and black combination, a very beautiful pattern, all soldered mesh; silver finish frame inlayed with black enamel; very durable silver chain handle..... $20.30

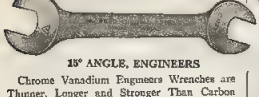
Each

No. C-1739—Mesh Bags; enameled in six color combination, gold, blue, grey, green, orange and silver, this is a most beautiful combination of colors; with Van Dyke point drop fringe; all soldered mesh; size of bag, 7x5½ inches; lined with yellow silk; bag mirror in pocket. $34.00

WRENCHES

VALULINE

Chrome Vanadium



15° ANGLE, ENGINEERS

Chrome Vanadium Engineers Wrenches are Thinner, Longer and Stronger Than Carbon Steel Wrenches of the Same Openings. The Use of this Alloy Steel Allows Refinement of Design Both in Shape and Thinness of Head. The Thin Pear Shaped Head Made Possible by the Use of Alloy Steel Makes this Line of Wrenches Better Balanced and More Serviceable in Confined Places, with Unbreakable Strength; Finished in Nickel with Buffed Heads.

Nos.	U.S.S. Bolt Size	Hex Hd Cap Screw	S A E Std Cap Screw and Nut	Openings Milled	Lgth. Ins.	Thickness of Head
C1723	¼	3/16 & 1/4	1/4	3/16 & 1/4	4 1/4	1/8
C1725	5/16	1/4 & 5/16	1/4 & 5/16	1/4 & 5/16	5 1/4	1/8
C1725B	5/16	1/4 & 5/16	5/16 & 3/8	1/4 & 5/16	5 1/4	1/8
C 727		5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	6 1/4	1/8
C 729		7/16 & 1/2	7/16 & 1/2	7/16 & 1/2	7 3/4	1/8
C1731A	1/2	1/2 & 9/16	1/2 & 9/16	1/2 & 9/16	9 1/4	1/8
C1733	5/8	9/16 & 5/8	9/16 & 5/8	9/16 & 5/8	10 1/4	1/8
C1025	1/4 & 5/16	5/16	5/16	1/4 & 5/16	5 1/4	1/8
C1027	1/2 & 5/8	...	...	1/2 & 9/16	9 1/4	1/8
C 027C	5/8	5/8	5/8	9/16 & 5/8	10 1/4	1/8
C 028S	5/8	5/8	5/8	9/16 & 5/8	10 1/4	1/8
C1029	3/4 & 7/8	...	...	7/16 & 1/2	7 3/4	1/8
C1031	1/2 & 5/8	...	...	1/2 & 9/16	9 1/4	1/8
C1033	1/2 & 5/8	5/8	5/8	1/2 & 9/16	9 1/4	1/8

Nos.	Each
C1728	$0.45
C1725	.65
C1725B	.65
C1727	.75
C1729	.95
C1731A	1 25
C1733	1 70
C1025	.65
C1027	.75
C1027C	.75
C1028S	.95
C1029	.95
C1031	1 25
C1033	1 20

Six in a Box

WRENCH ASSORTMENTS

WILLIAMS

SILENT SALESMAN

Automotive Assortment

The Wrenches Carried by this Board have been Selected to Meet Adequately the Needs of Automotive Supply Houses and Garages—17 Sizes of Double Head Wrenches, with Openings Milled for the Most Popular S. A. E. and U. S. Standard Nuts and Cap Screws.

Williams' Finished (New) Wrenches have Surface Smoothed and Black Enameled (Baked On), and are Case Hardened; Heads are Bright.

Each Size, No.	For U.S. Std. Square Size Bolts	For Hex Head Cap Screws, Diam. Screws	For S.A.E. Std. Nuts and Cap Screws; Size bolts	Openings Milled	Extreme Lgth. Approx. ins.	Thickness Heads in.	Price Each Finished (New)
ENGINEERS' WRENCHES—15° ANGLE, DOUBLE HEAD							
21	1/4 & 5/16	1/4 —	—	1/4 & 5/16	4 1/4	1/8	$0 34
23	5/16 & 3/8	— 5/16	5/16	5/16 & 3/8	5 1/4	1/8	42
25	3/8 & 7/16	3/8 —	—	3/8 & 7/16	6 1/4	1/8	50
27	7/16 & 1/2	— 3/8	3/8	7/16 & 1/2	7 1/4	1/8	62
29	1/2 & 9/16	...	...	1/2 & 9/16	9 1/4	1/8	75
31	5/8 & 11/16	5/8	— 5/8	5/8 & 11/16	10 1/4	1/8	90
CAP SCREW WRENCHES—15° ANGLE, DOUBLE HEAD							
721	1/4 —	1/4 & 5/16	—	1/4 & 5/16	5 1/4	1/8	$0 34
723	— 1/4	5/16 & 3/8	1/4 & 5/16	5/16 & 3/8	6 1/4	1/8	42
725B	1/4 —	7/16 & 1/2	5/16 & 3/8	7/16 & 1/2	7 1/4	1/8	50
727	— 1/4	9/16 & 5/8	7/16 & 1/2	9/16 & 5/8	9 1/4	1/8	62
729	...	11/16 & 3/4	9/16 & 5/8	11/16 & 3/4	10 1/4	1/8	74
731	—	7/8 & 1	3/4 & 7/8	7/8 & 1	12 1/4	1/8	90
LIGHT SERVICE "S" WRENCHES—22½° ANGLE, DOUBLE HEAD							
75B	1/4 —	1/4 & 5/16	—	1/4 & 5/16	5 1/4	1/8	$0 34
77B	— 1/4	5/16 & 3/8	1/4 & 5/16	5/16 & 3/8	7 1/4	1/8	42
79C	...	7/16 & 1/2	5/16 & 3/8	7/16 & 1/2	9 1/4	1/8	50
81A	1/4 —	1/2 & 9/16	7/16 & 1/2	1/2 & 9/16	9 1/4	1/8	1 10
Price, Wrench Assortment "A" (No charge for Board)							$54 32

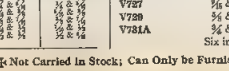
Finished

Contains Six Each of the Numbers Listed Above, Mounted 4 on Display Board; Length of Board 64 Inches.

Per Assortment

‡No. A—Weight, with 102 Wrenches, 45 lbs..... $82.20 64.32

One Assortment in a Box



WILLIAMS

Volume Brand

CAP SCREW

15° Angle Semi-Finished, Double Head, Carbon Steel Drop Forged, Hardened; Openings Milled, Sizes Stamped on Heads, Black Enameled; Heads Bright.

Dimensions, Etc.

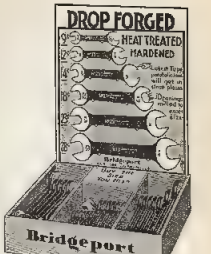
Nos.	For U. S. Standard Nuts Bolt Size	For Hex. Cap Screws Diam. Screws	For S. A. E Standard Nuts and Cap Screws Size Bolts
V721	1/4 —	1/4 & 5/16	—
V723	— 1/4	5/16 & 3/8	1/4 & 5/16
V725		7/16 & 1/2	5/16 & 3/8
V725B		9/16 & 5/8	7/16 & 1/2
V727		11/16 & 3/4	9/16 & 5/8
V729		7/8 & 1	11/16 & 3/4
V731A	— 1/4	1 1/8 & 1 1/4	7/8 & 1

Nos.	Openings Milled, in.	Each
V721	1/4 & 5/16	$0 25 26
V723	5/16 & 3/8	25 26
V725	7/16 & 1/2	.30 .29
V725B	1/2 & 9/16	.30 .29
V727	9/16 & 5/8	.35 .34
V729	3/4 & 7/8	.40 .40
V731A	7/8 & 1	.50 50

Six in a Box

WRENCH DISPLAY TRAY

BRIDGEPORT



A Complete Assortment of Six Most Popular Sizes Displayed in Orange Color Counter Tray 15° Angle Semi-Finished Double Head, Parabolic Jaws, Carbon Steel Drop Forged, Hardened, Openings Milled; Sizes Stamped on Heads; Blued Finish, Heads Ground.

Dimensions, Etc.

Nos.	For U S Standard Nuts Bolt Size	For Hex Cap Screws Diam. Screws	For S A E Standard Nuts and Cap Screws Size Bolts
B21	1/4 & 5/16	1/4 —	—
B23	5/16 & 3/8	— 5/16	1/4 —
B25	3/8 & 7/16	5/16 —	—
B27	7/16 & 1/2	—	—
B29	1/2 & 9/16	—	—
B31	9/16 & 5/8	1/2 —	— 1/2
B33	5/8 & 3/4	5/8 —	1/4 —
B33C	...	3/4 —	5/16 & 3/8
B34	3/4 & 7/8	5/8 —	1/2 & 5/8

Per Assortment

No. B33T—Contains 33 Nut Wrenches as Follows; 3—B21, 6—B23, 8—B26, 8—B27, 5—B29 and 3—B31; Weight per Assortment, Complete, 9½ lbs..... $8 20

One Assortment in a Shipping Container

Nos.	Openings Milled, in.	Each
B21	1/4 & 5/16	$0.15
B23	5/16 & 3/8	.20
B25	3/8 & 7/16	.20
B27	7/16 & 1/2	.30
B29	1/2 & 9/16	.30
B33	9/16 & 5/8	.35
B31	5/8 & 3/4	.35
B33	3/4 & 7/8	.50
B33C	7/8 & 1 1/8	.50
B34	1 1/8 & 1 1/4	.75

Six in a Box

Items Marked ‡ Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory, F. O. B., Buffalo, N. Y.

WRENCH SETS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT OFFICE

THIN FIVE For Light Work Only

Made of the Highest Grade Drop Forged Steel, Black Enameled with Highly Polished Head.

For Use in the Tool Equipment of Automobiles, Gas Engines, Motor Boats, Motorcycles and all Machines Requiring a High Grade Wrench

Set Contains Five Wrenches; One Each Nos. 623E, 626X, 629E, 632X and 635G.

Openings Milled for A. L. A. M. Standard Nuts and Cap Screws.

Semi-Finished; Size Openings: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 15/16, 1, 1 1/16 and 1 1/4 inches; Weight per Set 23/4 lbs.

Per Set

No. DEX9—One Set in a Box..... $4 80

No. DEXR9—One Set in a Canvas Roll. 5.00

TAPPET WRENCHES

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT OFFICE

Drop Forged from Chrome Vanadium Steel, Heat Treated and Tempered Entire Length; the Extra Length Permits Reaching Places Impossible with Regular Length Wrenches; Designed for Tappets but are Milled with S. A. E. and U. S. S. Openings in the Most Sizes which Adapts them for Nos DEHN4, DEHN3, DEH N2 and DEHN1; General use.

Nos.	Opening Milled	Fitting S.A.E. Std Nuts and Cap Screws Size Bolt	Fitting U.S.S. Nuts Size Bolt	Fitting U.S.S. Hex Head Cap Screws Diam. of Screws	Thickness of Head, Inch
DEHN-1	1/4 & 11/16	3/8 & 1/2	.....	1/4 & 9/16	1/8
DEHN-2	1/2 & 5/8	7/16 & 5/8	.....	1/2 & 3/4	1/8
DEHN-3	3/4 & 15/16	7/8	3/4	.....	1/8
DEHN-4	1 & 1 1/4	1 1/8 & 1 1/4	.....	1 & 1 1/4	1/8

Nos.	Lgth, Over All, ins	Wt Each, ozs.	Each
DEHN1	7 1/4	1 1/2	$0.65
DEHN2	8	2	.75
DEHN3	8	3 1/2	.80
DEHN4	9	5 1/2	1.00

Six in a Box

TAPPET WRENCH SETS

*SHAPLEIGH'S DIAMOND EDGE

TRADE MARK REG. IN THE U. S. PAT OFFICE

Set Consists of two Each DEHN2 and DEHN3 DIAMOND EDGE Wrenches in Leatherette Roll

Per Set

No. DEHN70—Weight per Set, 1 lb.....$3 40

One Set in a Roll, in a Box

Set Consist of Two Each DEHN1, DEHN2, DEHN3 and DEHN4 DIAMOND EDGE Wrenches in Leatherette Roll

Per Set

No. DEHN80—Weight per Set, 3¼ lbs...$8. 95

One Set in a Roll, in a Box

SOCKET WRENCHES

NEW BRITAIN

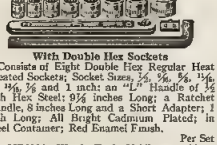
With Double Hex Sockets Cadmium Plated

Consists of Eight Double Hex Broached Sockets (12 Point); Extra Deep and Extra Quality Machined to Fit; Socket Sizes: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8 and 1 inch; An "L" Handle of 1/2 inch Hexagon Steel; a Short Adapter, a Sturdy Positive Ratchet Handle and a Convenient and Compact Steel Container.

Per Set

No. NB8001—Weight per Set, 2½ lbs ...$1.00

One Set in a Container



With Double Hex Sockets

Consists of Eight Double Hex Regular Heat Treated Sockets; Socket Sizes, 1/4, 5/16, 3/8, 11/16, 3/4, 13/16, 7/8 and 1 inch: an "L" Handle of 1/2 inch Hex Steel; 9½ inches Long; a Ratchet Handle, 8 inches Long and a Short Adapter; 1 inch Long; All Bright Cadmium Plated; in Steel Container; Red Enamel Finish.

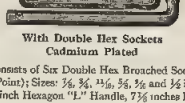
Per Set

No. NB1201—Weight Each, 2½ lbs . .$1 90

One Set in a Steel Container

SOCKET WRENCHES

NEW BRITAIN



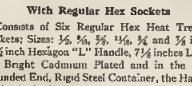
With Double Hex Sockets Cadmium Plated

Consists of Six Double Hex Broached Sockets (12 Point); Sizes: 7/16, 1/2, 9/16, 5/8, 3/4 and 7/8 inch; a 1/2 inch Hexagon "L" Handle, 7 3/16 inches Long and the New Rounded End Rigid Steel Container; Red Enamel Finish; With Sockets and Handle in Metal Container.

Per Set

No. NB1001—Weight per Set, 1¼ lbs. . .$0.90

One Set in Container



With Regular Hex Sockets

Consists of Six Regular Hex Heat Treated Sockets; Sizes: 1/2, 9/16, 5/8, 11/16, 3/4 and 7/8 inch; a 1/2 inch Hexagon "L" Handle, 7 1/16 inches Long; All Bright Cadmium Plated and in the New Rounded End, Rigid Steel Container, the Handle Locks the Sockets in the Container; Red Enamel Finish; With Sockets and Handle in Metal Container

Per Set

No. NB1000—Weight per Set, 1¼ lbs . .$0.90

One Set in a Container

With Double Hex Sockets In Metal Case

This Set of Six Sockets Fits the Nuts and Cap Screws Most Often Removed on Any Make of Car; Packed in a Strong Metal Box, Hinged at One End, Box has Red Enamel Finish.

Double Hexagon Socket Openings Sizes: 3/8, 7/16, 1/2, 9/16, 5/8 and 7/8 inch; "L" Handle, 1/2 inch Hex, 7 1/2 inches Long with Sockets and Handle.

Per Set

No. NB31—Weight per Set, 2 lbs..... .....$1 10

Twelve Sets in a Display Carton

Wilson Fielders' Gloves

Wilson Boy's Size Fielder's Glove, inseam style; made of genuine tan horsehide with leather palm patch lining and leather thumb web.
No. 6R36. Per dozen..... 8.23

"Rajah" Hornsby Champion Batsman model. Made of genuine horsehide, tan color, oil treated. Leather welted seams, leather laced at wrist. Leather lined. Adjustable rawhide thumb lace. Each in box.
No. 6R39. Each..... 1.72

Wilson Fielder's Glove, youth's size, made of genuine horsehide, tan color, with leather palm lining and leather thumb web.
No. 6R37. Per dozen..... 8.24

Wilson Fielder's Glove, youth's size, made of genuine horsehide with leather palm patch; well padded, welted seams; laced wrist, adjustable rawhide thumb lace.
No. 6R38. Each..... 1.03

"Rajah" Hornsby Champion Batsman model. Large size glove of fine quality genuine horsehide, tan color. Oil treated. Full leather lined, roll style leather bound and leather laced at wrist. Diverted leather welted seams, adjustable tunnel thumb lace. Each in box.
No. 6R51. Each..... 2.40

Johnny Verges Model. Medium size, made of genuine horsehide with leather lined palm, special greased pocket, leather welted seams, laced wrist and adjustable rawhide thumb lace.
No. 6R40. Each..... 1.37

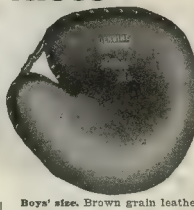
Pinkey Whitney Model. Made of selected genuine horsehide; full leather lined, special greased pocket; leather welted diverted seams; felt pad with deep pocket; leather thumb reinforcement; full leather binding, leather laced wrist, tunnel loop thumb web; leather wrist strap with button fastener.
No. 6R7. Each..... 3.43

Frank Demaree Model. Made of selected tan horsehide with grain leather lining, special greased pocket, roll leather binding, leather laced heel and strap and button wrist fastener. Eyelets in thumb and first finger permit adjustment of leather laced thumb web to suit the player.
No. 6R42. Each..... 2.75

WILSON CATCHERS' MITTS

Boy's Catcher's Mitt. Genuine horsehide palm and fingers, canvas back, black band, well padded; leather wrist strap with button fastener. Left hand only.
No. 7R35. Per dozen..... 10.58

Brown leather palm and fingers. Imitation leather back. Black imitation leather bound edge. Laced at thumb. Leather wrist strap. Boys' size. A good serviceable mitt for the young boy. Each in box.
No. 7R36. Per dozen..... 14.40



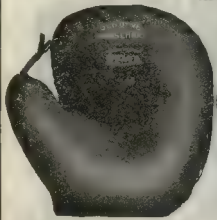
Boys' size. Brown grain leather palm, fingers and band. Imitation leather back. Full laced. Well padded. Each in box.
No. 7R37. Each..... 1.37

Catchers' Mitt with tan colored horsehide palm and brown grain leather back fingers and band. Full laced, special leather wrist strap with button. Each in box.
No. 7R38. Each..... 1.65

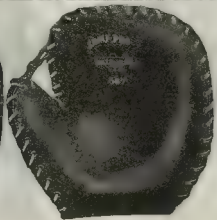
New Scoop Model Catcher's Mitt, tan colored steerhide, special oil treated pocket, leather laced edge.
No. 7R39. Each..... 3.43

Big League Model, tan cowhide throughout with oil treated palm. Combination asbestos and hair felt pad. Full leather laced, special leather and buckle wrist strap. Each in box.
No. 7R40. Each..... 4.12

WILSON BASEMEN'S MITTS



Basemen's Mitt. A low priced mitt that will give good service. Good quality cowhide palm and fingers with brown grain leather back. Black binding, leather laced edge, strap and button fastener. Each in box.
No. 7R66. Each..... 1.03



Semi-Pro Model. Good quality tan horsehide throughout with imitation leather binding. Well padded with deep pocket adjustable thumb lace and strap and buckle fastener. Each in box.
No. 7R67. Each..... 1.57

"Rajah" Hornsby Trademark Champion Batsman Model Baseman's Mitt. Tan horsehide throughout with special greased pocket, leather laced edge, panel back, adjustable leather thumb web, combination felt pad, leather wrist strap with buckle fastener.
No. 7R68. Each..... 2.75

Footballs and Equipment

REACH AIR-FLITE FOOTBALL

A new type of football both in lacing and construction. Air-Flite is made with only two sections of leather eliminating the four seamed ends necessary in the four piece ball—thereby affording greater and more evenly balanced air capacity.

With the lacing in center of top panel the opposite panel presents a perfect kicking surface due to the elimination of the center seam. The kick is made on an unbroken surface of the panel resulting in greater accuracy.

Constructed of specially tanned, selected grade Reach pebbled-grained Tuf-ide leather. Double lined, double laced and equipped with our new patented rubber valve bladder that is absolutely leak proof—there is no possibility of accidental puncture while inflating. Each ball is inflated and carefully inspected before it leaves our factory. Approved as an official ball for 1934 by the Rules Committee.

301 H01. Each **$20.00**

REACH FOOTBALL

This Reach ball is made on the new two-piece pattern and with the same careful workmanship as our top grade Air-Flites. Made of high grade pebble grained Tuf-ide leather. Regulation size. Double laced and double lined. The 5PM is fitted with the new rubber valve bladder.

301 H02. Each .. **$8.40**

Collegiate. A regulation, full size football made of genuine pebble-grained Tuf-ide leather with double fabric lining. Contains the rubber valve bladder and laced ready for quick inflation.

301 H03. Each **$7.00**

WILSON VALVE TYPE FOOTBALLS

Wilson Valve Type Footballs are complete with bladders laced and ready to inflate instantly without disturbing the lacing.

WILSON CONFERENCE

Wilson "Conference" football. A quality ball moderately priced, built for hard play. Selected pebble grain cowhide retan leather, guaranteed satisfactory double construction, patented double lace; equipped with air patented, leakproof rubber valve bladder.

301 H04. Each **$12.00**

WILSON CONFERENCE

Same as above except with even contour metal valve.

301 H05. Each **$12.00**

REACH INTERSCHOLASTIC

Made of Tuf-ide leather with special pebble finish. Full size. Regulation size and weight. Fitted with rubber valve and laced ready for inflation.

301 H06. Each ... **$3.60**

FOOTBALL BLADDERS

301 H07. Metal Valve Type. Each **$1.40**

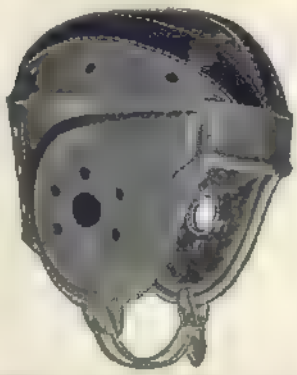
301 H08. Rubber Valve Type. Each ... **$1.40**

301 H09. Metal Valve. Each **$0.98**

301 H10. Rubber Valve. Each ..... **.84**

301 H11 Metal Valve. Each ..... **.72**

301 H12. Stem Type. Each ..... **.40**



WILSON HOWARD JONES HELMET

Wilson Howard Jones Model. New concave, flexible crown is of ox hide. The construction provides a maximum of protection to the back of the head and neck with the most flexibility. Natural ear shield ears. The ears are so constructed that the jaw strap extends over the ear piece to the forehead piece with special foam rubber padding over temples for added comfort and protection. Elongated streamline top, 8-piece suspension web in crown. Back, ears and forehead padded with felt completely covered with soft leather. Crown and ears fibre reinforced. Well ventilated. Made of highest quality tan strap leather with black crown straps. Adjustable chin strap with snap fastener. Sizes 6⅝ to 7⅝.

301 H14. Each **$14.00**

Wilson Howard Jones Model. Made exactly as above except without leather lining. Sizes 6⅝ to 7⅝.

301 H13. Each **$11.70**

WILSON FOOTBALL JERSEY

Shoulders—Built wider to allord room for a snug fit over bulky shoulder pads and yet permit perfect freedom of arm movement.

Elbows—Heavily reinforced over this point of extreme wear.

Cuffs—Material turned and tightly stitched to prevent excessive wear.

Cut-out seams. Permit jersey to be securely tucked into pants without bunching or pulling up.

Skirts. Long enough to be worn over hip pads and tucked securely into pants.

Extra Heavy Weight Pure Worsted. All standard worsted colors special to order only.

301 H15. Each **$12.00**

REACH HELMET

A high grade helmet for Junior High School teams. Buck strap leather with three tan leather crown straps running lengthwise from front to back. Tan forehead piece. Moulded fibre reinforced crown and ear pieces. Crown has web shock absorber. Leather sweatband at forehead. Padded with soft, white felt. Close fitting low cut back. Adjustable chin strap.

301 H19. Each **$9.00**

WILSON FOOTBALL PANTS

Nine Ounce Army Duck, Water Repellent. New raised reinforced crotch. Shortened fly with large eyelets reinforced with leather. New shaped leather knee caps. Hip pads of combination kapok with corrugated, horizontal kidney fibres, edges padded with felt and covered with canvas. Femur fibres sewed in. Large tail and spine fibres. Large corrugated thigh guards. Knee pads of combination kapok.

301 H16. Price **$14.70**

Same as above without femur fibres and with well quilted knee pads and four horizontal hip fibres.

301 H17. Price **$13.30**

Same as 301 H17 without leather knee patches.

301 H18. Price **$11.90**

If interested in complete outfits other than as shown, kindly write

REACH FOOTBALL SHOES

Good quality black chrome tanned kid leather uppers. One piece quarters with whole tip and outside facings. Quarters are reinforced with heavy black duck linings cemented and stitched. Inside leather counter pockets with sturdy counters. The outersoles are of selected oak sole leather with right weight inner half soles and leather steel wedges. Heavy stitching through inner sole and lock-stitched sewing completely secures sole to bottom of shoe. New detachable, interchangeable cleats.

301 H20. Pair **$12.20**

WILSON FOOTBALL SHOES

Wilson Sprint Model Football Shoes. Made of good quality side leather with full oak soles. Equipped with Sternemann conical cleats, which are light weight and cannot be kicked off. The method of attachment retains the flexibility of the sole.

301 H21. Pair **$10.50**

Extra Sternemann regular cleats.

301 H22. Set of 14 ..... **1.50**

Sprint Model Football Shoe. Good quality side leather uppers. Canvas vamp lining. Oak leather soles and heels. Steel plates between soles; flexible sprint shank. Leather cleats.

301 H23. Pair **$9.70**

Men's Gymnasium Outfits

WILSON BASKET BALL SHIRTS

Wilson Basketball Shirts are tailored to fit and yet are cut for perfect freedom of arm and body movement. Deep arm holes. Extra long skirt. Snug body. Closely woven of yarns especially selected to give a maximum of utility and yet give that "tailored appearance" demanded by all coaches.

Heavy weight finest quality all worsted. All worsted colors special to order.
302 H01. Each $4.60

High quality, medium heavy weight worsted. Round neck. Stock colors, see color listing.
302 H02. Each $4.00

Medium heavy weight. Combination worsted and cotton. Can be supplied in all standard worsted colors.
302 H03. Each $3.40

When ordering please Specify Color

Standard Worsted Colors: Maroon, Cardinal, Med. Old Gold, Light Old Gold, Navy Blue, Scarlet, Kelly Green, Canary and Northwestern Purple.

WILSON BASKET BALL PANTS

More than any other article of Athletic Clothing Basketball Pants must be made from the proper patterns. They must be smart in appearance. Snug fitting at the waist. Loose enough at the hips for proper pads—Short inseams to give complete freedom of leg action and made of materials that will withstand rough usage and excessive perspiration.

Wilson Basketball Pants—the result of years of study—incorporate all of these features carefully worked out to the most minute detail.

Gabardine—Vat dyed. Fast colors. High lustre. Loose hanging hip pads. Attached belt and buckle. All stock colors. See color listing.
302 H04. Pair $4.20

High lustre Corduroy. Loose hanging hip pads. Attached belt and buckle. Special to order in all stock colors.
302 H05. Pair $3.90

When ordering be sure to specify color.

WILSON SWEAT SHIRTS

Sweat Shirts. Made of medium weight cotton fabric. Heavy white fleece lined. Light gray color.
302 H06 Each $1.70

Sweat Shirts. The same as above shirt except with hood.
302 H07. Each $2.50

White Sweat Shirts. Same as No. 302 H06 except bleached white.
302 H08. Each $1.90

STOCK COLORS:
Cardinal, Scarlet, Dark Orange, Light Old Gold, Gold, Navy Blue, Royal Blue, Kelly Green, Purple, White, Black.

All Prices Subject to Regular Catalog Discount

WARM UP COAT

Popular warm up coat for all sports. Button front. Full cut. Made with pure worsted knit bottom and cuffs. Specify contrasting color trim on cowl.

Heavy weight bonded face suede cloth. Colors scarlet, cardinal, maroon, royal blue, kelly green, old gold, light gold, dark orange, light orange, black, white, purple.
302 H09. Each $7.50

BIKE SUPPORTERS

A real value in an all elastic six inch one piece waistband supporter. Deep roomy pouch, two inch leg bands. Sizes, small, medium and large.
302 H10. Each $ .88
302 H11. In lots of 12. Per doz 9.60

New strap supporter, made of Bike elastic web throughout, very carefully shaped pouch, three inch waistband, two inch leg bands. Sizes small, medium and large.
302 H12 Each $ .54
302 H13. In lots of 12. Per doz 5.88

Quality, wear and comfort are built in this number three inch waist and leg bands. V seam construction in front to eliminate ripping. Comfortable pouch. First quality Bike webbing throughout. Sizes small, medium and large.
302 H14. Each $ .58
302 H15. In lots of 12. Per doz 6.24

WILSON WARM UP COAT

Cossack Style Coat with full zipper front. Heavy all wool woven fabric. Brushed. Has two slash pockets with flaps, welt edges, reinforced with leather trim. Made with knit bottom and sleeves. Suitable for street wear as well as sport wear. Makes an ideal "Honor" coat.

302 H16 Each $13.50

GYM SHOES

Wilson Pearl Elk Leather Shoes. Laced-to-toe style. Thick pure rubber sole. One of the most comfortable shoes made. Guaranteed perfect in materials and workmanship.
302 H19. Pair $10.50

BOWLING SHOES FOR MEN AND WOMEN

Styled Correctly and Made of Quality Stock Throughout

Men's black horsehide, two leather soles, two rubber heels.
302 H20. Per Pair $4.80

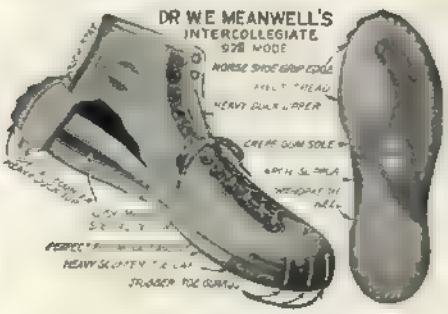
Same as above with exception of one leather and one rubber sole.
302 H21. Per Pair $3.25

Women's blk. horsehide white trim oxford, two rubber heels, two leather soles.
302 H22. Per Pair $4.80

Same as above with exception of one rubber and one leather sole.
302 H23. Per Pair $3.25

GYM SOX

Most popular ankle length white, all wool covered core yarn hose, for gym, basketball, football, tennis and all sport purposes. Reinforced looped heel and toe. Made with good length ribbed clinging top, and shaped heel to fit the foot perfectly and is full bleached. Sizes 8 to 12. Unless Packed a dozen size to a box.
302 H17 Per Pair $0.84
302 H18. In lots of 6. Per Pair .78



GYM SHOES

Wilson Meanwell "Intercollegiate" Shoe. Designed by Wisconsin's famous basketball coach. Fine quality heavy brown duck with full leather trim and leather lasting. Pure gum heavy sole case with "horse shoe" concave grip, assuring perfect adhesion on any type of floor. Sponge rubber heel seat eliminates jarring blisters and bruises. Heavy corrugated rubber toe cap. Sizes 5 to 12.
302 H24. Pair $6.50

BOYS' GYM SHOES

Same style as above. Boys' sizes 2½ to 6.
302 H25. Pair $6.00

FOR WOMEN'S GYM SUITS PLEASE SEE PAGE 312

Winchester Model 42
Hammerless Repeating Shot Guns

410-Gauge—Chambered Expressly for the New 3-Inch 410-Gauge Winchester Super Speed Shells

This new arm is very racy looking, fast handling, quick pointing, splendid balance, smooth of action, light and beautiful

A Super Gun for Super Shot

NEW 3-INCH 410 SUPER SHELL

This 3-inch shell makes a most excellent load for **Skeet Shooting, Trap Shooting** and for **small feathered game, rabbits and squirrels,** and a range considerably in excess of those at which the 2½ shell is effective.

For further description and prices see Page 1364

The field for the use of these guns is very large. You must remember that the young people, both boys and girls, are leaning more and more to outdoor life, sport and exercise. This is the first gun of the kind that a young woman can handle properly and be on a par with the young men, and they surely will take it up and join Gun Clubs, Skeet Clubs, as well as hunt game.

STANDARD GRADE

Take down, hammerless; 6-shot repeater when used with 3-inch shells; 7-shot repeater when used with 2½-inch shells. Light weight tapered Winchester special Barrel. Full pistol grip, walnut stock, walnut fore-end. Length of stock, 13¾ inches; drop at comb, 1½ ins. drop at heel, 2¼ ins. Matted top receiver, long narrow frame. Receiver and all major parts of Winchester proof-steel. Completely new design and construction. 410 gauge from butt plate to muzzle. Fast, light, perfectly balanced. When the new 3-inch shell is used, this new gun actually doubles the usual 410 gauge performance. A gun that actually puts double the usual number of shots in a 20-inch circle at 30 yards, patterning more than the entire charge of the other 410 gauge guns.

	Each	*Suggested Retail Price, Each*
No. W42410—26 and 28 inch, Full Choke	**$58.70**	39.10
No. W42410M—26 and 28 inch, Modified Choke	**58.70**	39.10
No. W42410C—26 and 28 inch, Cylinder Bore	**58.70**	39.10

Weight each, about 6 lbs.

SPECIAL SKEET MODEL

Special Skeet Model, made with special straight grip, checkered stock and special extension slide handle, nicely checkered. Other specifications on the Skeet Model are identical of those of the Standard Model 42 Gun.

	Each	*Suggested Retail Price, Each*
No. WS42410—28 inch, Special Skeet Choke	**$68.90**	45.95
No. WS42410M—26 and 28 inch, Modified Choke	**68.90**	45.95
No. WS42410C—26 and 28 inch, Cylinder Bore	**68.90**	45.95

Weight each, approximately 6 lbs.

Remington Repeating Shot Guns

NEW MODEL 31A

Perfect Balance—5 SHOT—SIDE EJECTION

REGULAR

Take Down—Hammerless, With Solid Breech Top and Rear; Cross Bolt Safety; Top of Receiver Matted; American Walnut Half Pistol Grip Stock and Foreend, Both Finely Checkered by Hand; Stock Dimensions, Length, 14 inches; Drop at Heel, 2½ inches; Drop at Comb, 1⅝ inches; New Bakelite Butt Plate that is More Durable than Rubber.

12 GAUGE

	Each	Suggested Retail Price, Each
No. R3112F—Full Choke Bore; 28, 30 and 32-inch Barrels; Weight Each, About 7½ lbs.	$71.80	47.90
No. R3112M—Modified Choke Bored; 28 and 30-inch Barrels; Weight Each, About 7½ lbs.	71.80	47.90
No. R3112C—Improved Cylinder Bored; 28 and 30-inch Barrels; Weight Each, About 7½ lbs	71.80	47.90

16 GAUGE

	Each	Suggested Retail Price, Each
No. R3116F—Full Choke Bored; 26 and 28-inch Barrels; Weight Each, About 7½ lbs.	$71.80	47.90
No. R3116M—Modified Choke Bored; 26 and 28-inch Barrels; Weight Each, About 7½ lbs.	71.80	47 90
No. R3116C—Improved Cylinder Bored, 26 and 28-inch Barrels; Weight Each, About 7½ lbs.	71.80	47.90

20 GAUGE

	Each	Suggested Retail Price, Each
No. R3120F—Full Choke Bored; 26 and 28-inch Barrels; Weight Each, About 7½ lbs.	$71.80	47.90
No. R3120M—Modified Choke Bored; 26 and 28-inch Barrels; Weight Each, About 7½ lbs.	71 80	47.90
No. R3120C—Improved Cylinder Bored; 26 and 28-inch Barrels; Weight Each, About 7½ lbs.	71.80	47.90

One in a Box; Ten in a Case; Weight per Case, 115 lbs.

REGULAR
WITH RAISED SOLID MATTED RIB BARREL

12 GAUGE

	Each	Suggested Retail Price, Each
No. R3112FM—Full Choke Bored; 30 and 32-inch Barrel; Weight Each, About 7¾ lbs.	$83.80	55.90
No. R3116FM—Full Choke Bored; 28-inch Barrel; Weight Each, About 7¾ lbs.	83.80	55.90
No. R3120FM—Full Choke Bored; 28-inch Barrel; Weight Each, About 7¾ lbs	83 80	55.90

One in a Box; Ten in a Case; Weight per Case, 115 lbs.

EXTRA BARRELS FOR REMINGTON MODEL 31A

	Each	Suggested Retail Price, Each
Plain	$28.00	18.70
With Matted Rib	40.00	26.70
With Ventilated Rib	58.60	39.10

Note—Ventilated Rib Barrel for Model 31A 12 Gauge Only.

REMINGTON

(Factory No. 31TC)—12 GAUGE

The Latest Developments in Trap Guns Have Been Incorporated in this Model; **Five-Shot Ventilated Barrel**; Front and Rear Sights; Specially Designed Foreend; Hawkins Recoil Pad; Checkered Stock and Foreend of Selected High Grade Walnut; Standard Stock; Dimensions: 14⅜ inches Over All; Drop at Heel, 1⅝ inches; Drop at Comb, 1½ inches; Full Pistol Grip with Rubber Cap; Straight Grip Can be Supplied.

NEW MODEL TRAP GUN

	Each	Suggested Retail Price, Each
✣No. R3112VT—Standard Length, 30 inches; Full Choke: 28 or 32-inch Can be Furnished; Full Choke, Modified or Cylinder Bore; Weight, About 8 lbs.	$164.60	109.75

One in a Box; Ten in a Case; Weight per Case, About 120 lbs.

NOTE—Specify on Orders Length of Barrel and Bore, Otherwise 30-inch Full Choke Will be Supplied.

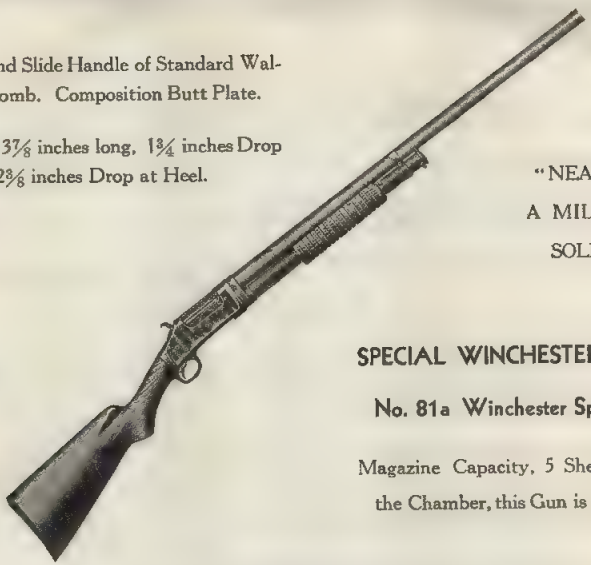
Items Marked ✣ Not Carried in Stock; Can Only be Furnished by Shipping Direct From Factory, F. O. B., Ilion, N. Y.

Winchester Model 97

A FAMOUS MODEL WHOSE REPUTATION IS ESTABLISHED

Pistol Grip Stock and Slide Handle of Standard Walnut. Rounded Comb. Composition Butt Plate.

Standard Stock is 13⅞ inches long, 1¾ inches Drop at Comb, 2⅜ inches Drop at Heel.



"NEARLY A MILLION SOLD"

Hammer Slide Action Model

SPECIAL WINCHESTER STEEL BARREL

No. 81a Winchester Special Front Sight

Magazine Capacity, 5 Shells and with One in the Chamber, this Gun is a 6 Shot Repeater.

STANDARD GRADE, 12 GAUGE

Take Down

	Each	Suggested Retail Price, Each
No. W9712TD—Full Choke Barrels, 28, 30 and 32 inches; Weight Each, 7¾ lbs.	**$63.00**	42.05
No. W9712TDM—Modified Choke Barrels, 28, 30 and 32 inches; Weight Each, 7¾ lbs.	**63.00**	42.05
No. W9712TDC—Cylinder Bored Barrels, 26 inches; Weight Each, 7½ lbs.	**63.00**	42.05

STANDARD GRADE, 16 GAUGE

Take Down

	Each	Suggested Retail Price, Each
No. W9716TD—Full Choke Barrels, 28 and 30 inches; Weight Each, 7½ lbs.	**$63.00**	42.05
No. W9716TDM—Modified Choke Barrels, 28 and 30 inches; Weight Each, 7½ lbs.	**63.00**	42.05
No. W9716TDC—Cylinder Bored Barrels, 28 inches; Weight Each, 7½ lbs.	**63.00**	42.05

STANDARD GRADE RIOT GUN, 12 GAUGE

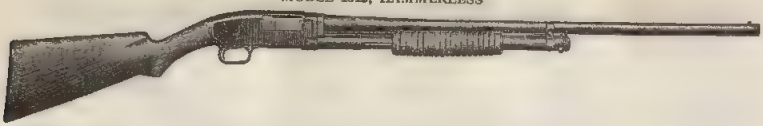
Solid Frame

	Each	Suggested Retail Price, Each
No. WRS12—Cylinder Bored, 20 inch Barrels; Weight Each, 7¼ lbs.	**$58.40**	38.95

One in a Box; 10 in a Case; Weight per Case, 110 lbs.

Winchester Repeating Shot Guns

MODEL 1912, HAMMERLESS



STANDARD GRADE, TAKE DOWN, 6 SHOTS. No Loose Parts

Barrel—Nickel Steel. **Stock and Action Slide**—Plain Walnut Pistol Grip. Rubber Butt Plate.

12 Gauge

Chambered for 2¾-inch Shells. Length of Stock, 13¾ inches. Drop at Comb, 1 11/16 inches Drop at Heel, 2½ inches.

	Each	*Suggested Retail Price Each*
No. W1212—Full Choke Bored 28 30 and 32 inch Barrels. Weight Each, About 7¾ lbs.	**$71 80**	47 90
No. W1212M—Modified Choke Bored 28, 30 and 32-inch Barrels; Weight Each, About 7¾ lbs	**71 80**	47 90
No. W1212C Cylindered Bored 26, 28 and 30-inch Barrels; Weight Each, About 7¾ lbs.	**71 80**	47 90

With Plain Extra Barrel

No. W1212X—Full Choke Bored 30-inch Barrel and Extra Interchangeable 26 or 28-inch Cylinder Bored Barrels; Weight Each, About 10 lbs.	**108.10**	69.90

With Matted Rib

No. W1213R Full Choke Bored 30-inch Matted Rib Barrels; Weight Each, About 7¾ lbs.	**83 90**	55.90

16 Gauge

Chambered for 2¾ inch Shells. Length of Stock, 13⅝ inches Drop at Comb, 1½ inches. Drop at Heel, 2½ inches.

No. W1216—Full Choke Bored, 28 and 30-inch Barrels; Weight Each. About 6 lbs	**71 80**	47 90
No. W1216M—Modified Choke Bored 26 and 28-inch Barrels, Weight Each, About 6 lbs.	**71 80**	47.90
No. W1216C—Cylinder Bored 26 and 28-inch Barrels, Weight Each About 6 lbs.	**71.80**	47.90

With Matted Rib

No. W1216R Full Choke Bored 26 and 28-inch Matted Rib Barrels; Weight Each, About 6 lbs	**83 90**	55 90

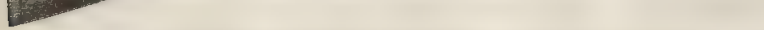
20 Gauge

Chambered for 2¾-inch Shells. Length of Stock, 13⅝ inches. Drop at Comb, 1½ inches. Drop at Heel, 2½ inches.

No. W1220—Full Choke Bored 26 and 28-inch Barrels; Weight Each About 5¾ lbs	**71 80**	47 90
No. W1220M Modified Choke Bored 26 and 28 inch Barrels; Weight Each, About 5¾ lbs	**71 80**	47 90
No. W1220C Cylinder Bored 26 and 28-inch Barrels; Weight Each, About 5¾ lbs.	**71.80**	47 90

With Matted Rib

No. W1220R—Full Choke Bored 26 and 28-inch Matted Rib Barrels; Weight Each, About 5¾ lbs	**83 90**	55.90



MODEL 1912—HAMMERLESS, STANDARD TRAP GRADE—TAKE DOWN; 6 SHOTS

Barrel Nickel Steel With Matted Rib **Stock and Standard Action Slide** Checkered, Walnut Pistol Grip; Winchester Recoil Pad, Length of Stock, 14⅛ inches; Drop at Comb, 1 11/16 inches; Drop at Heel. 2½ inches.

12 GAUGE
Full Choke Bored

	Each	*Suggested Retail Price Each*
No. W1212ST Chambered for 2¾-inch Shells; 30 inch Barrel; Weight Each, About 7⅞ lbs.	**$97 30**	64 85

MODEL 1912 HAMMERLESS. STANDARD TRAP GRADE WITH VENTILATED RIB. TAKE DOWN; 6 SHOTS

Barrel -Nickel Steel, Ventilated Rib.

Stock and Action Slide—Checkered; Walnut Straight Grip; Winchester Recoil Pad; Length of Stock, 14⅝ inches; Drop at Comb, 1⅝ inches; Drop at Heel, 1⅞ inches; Standard Slide Handle, Checkered.

12 GAUGE
Full Choke Bored

	Each	*Suggested Retail Price Each*
No. W1212VT—Chambered for 2¾-inch Shells; 30-inch Barrel, Weight Each, About 7¾ lbs.	**$165 00**	110 00

One in a Box; Ten in a Case; Weight per Case, About 110 lbs.

BICYCLE PADLOCKS

JUNGLE KING

Long Shackle, 5½ inches;

1⅝-inch Wedge Riveted Steel Case;

Cadmium Rust Proofed Finish;

Two Nickel Silver Keys;

Changes Practically Unlimited

Per Dozen

No. 717—Weight per Carton, 3½ lbs....$10 00

Half Dozen in a Carton

GREY HOUND

Long Shackle, 5½ inches;

1⅛-inch Steel Embossed Case, Cadmium Plated, Inside and Outside;

Two Wrought Steel Flat Keys;

12 Changes

Per Dozen

No. 917—Weight per Carton, 3 lbs.....$5.60

Half Dozen in a Carton

BICYCLE WRENCHES

Nickel Plated Drop Forged Steel Bar and Head; Open Back; Slide Frame and Medium Thick Bar; Rolled Steel; Knurled Steel Adjusting Nut; Length, 5 inches; Opens 1¾ inches; Bar, ⅛ inch Thick; Jaws, ¾ inch Deep.

Per Dozen

No. W11B—Weight per Dozen, 3 lbs .. .$3.20

One Dozen in a Box

FLAT WRENCHES

Nickel Plated; Case Hardened Steel; Stamping ⅛ inch Thick, 5¾ inches Long and 1¼ inches Wide; will Fit Practically All Nuts on a Bicycle.

Per Dozen

No. 16W—Weight per Dozen, 2 lbs.....$2 00

Fifty in a Box

FRICTION TAPE

NOTE—Weights Given on Friction Tape are Gross Weights, No Net; This Being the Universal Trade Custom.

SHAPLEIGH'S ★RUGBY (REGISTERED)

High Grade Tape; Covered with Best Rubber Solution; the Best and Most Satisfactory Line of Tape on the Market; Black; ¾ inch Wide.

Per Pound

No. 101R—1 oz. Rolls.....$0.90

No. 102R—2 oz. Rolls..... .90

Two Pounds in a Display Carton

Sold Only in Full Packages

We Do Not Break Packages

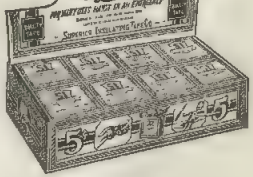
Per Pound

No. 104R—¼ lb. Rolls.....$0.70

Quarter Pound in a Box

No. 108R—½ lb. Rolls..... .70

Half Pound in a Box



S. I.

Made of Closely Woven Fabric Thoroughly Impregnated with High Grade Rubber Compound.

BLACK

¾ Inch Wide Per Pound

No. B111—1 oz. Rolls.....$0.80

No. B112—2 oz. Rolls..... .90

Two Pounds in a Display Carton

Sold Only in Full Packages

We Do Not Break Packages

Per Pound

No. B114—¼ lb. Rolls.....$0.70

No. B118—½ lb. Rolls..... .70

One Roll in a Carton

LUBRICATING OIL

WIZARD
HONOR BRITE

This Lubricating Oil is of High Quality Pure Mineral Oil; Lubricates, Cleans and Prevents Rust; for Use on Sewing Machines, Typewriters, Locks, Hinges, Razors, Tools, Etc.; 3 Ounce Handy Spout Can.

Per Dozen

No. 96—Weight per Carton, 12 lbs.....$2 00

Two Dozen in a Carton

THREE-IN-ONE

In Bottles

Lubricates—
Prevents Rust—Cleans

Nos.	Size, ozs.	Wt. per Doz., lbs.	Dozen in a Carton	Per Dozen
B1	1	3	2	$1.90
B3	3	6½	1	5 50
B8	8	16½	1	10.40

THREE-IN-ONE

In Cans

With Detachable Self Sealing Spout; Slips Easily Into the Hip Pocket, Convenient for Use of Hunters, Sportsmen, Shavers, Autoists, Mechanics, Carpenters and Machinists.

Nos.	Size, ozs.	Wt. per Doz. lbs.	Doz. in a Carton	Per Dozen
HC1	1	2	1	$3.00
HC3	3	4	1	5.50

Gallon Cans Each

No. C4—Weight Each, 10 lbs.....$9.00

Six Cans in a Case

SPRING-EEZ

DISPLAY BOX ASSORTMENTS

A Very Neat and Attractive Assortment for the Show Case; Contains Twelve of the Handy 3 oz. Flat Cans.

Per Can

No. SEA—Weight per Dozen, 2½ lbs. $0 35 .30

Twelve Cans in a Display Carton

BICYCLE OILERS

STAR

Nickel Plated and Polished; Screw Oil Proof Cover with Needle Fitting in Oil Spout to Keep it From Becoming Clogged and to Prevent Oil From Running Out When Not in Use.

Per Dozen

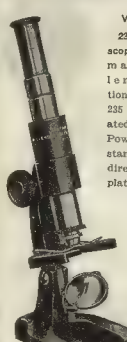
No. 15S—Weight per Dozen, 6 ozs.....$3.20

Twelve Dozen in a Box

Wollensak and Bausch and Lomb Microscope Sets

WOLLENSAK

235 Power Microscope. Single achromatic objective lens. Magnifications 110 Power to 235 Power, graduated in steps of 25 Power. Adjustable stand tilts to all directions. Rhodium plate and black lacquer finish. Complete microscope with one pair glass slides, one tweezers, two plain prepared slide, all fitted into a lacquered wood case.



No. 200J125. Each..... 10.33

WOLLENSAK

100 Power Microscope. A very fine microscope that is a thoroughly dependable instrument and gives a guaranteed magnification of 100 diameters. A splendid model for Grade and High School students. Complete with two plain glass slides and durable case.

No. 200J123. Each... 3.33

WOLLENSAK

150 Power Microscope. Single achromatic objective lens, photographically corrected. Magnifications are 70 times to 150 times, graduated in steps of 25. Packed with several necessary accessories.

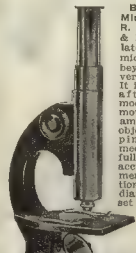
No. 200J124. Each.... 8.33

WOLLENSAK

425 Power Microscope. Fitted with double achromatic lenses, photographically corrected. Magnifications 100 times to 425 times, graduated in steps of 25. Finished in black lacquer, tubes of rhodium plate. Included in set are one pair of tweezers, two plain glass slides and one prepared slide. A useful microscope that is used by medical students, physicians and laboratories where high precision and sufficient magnification are necessary.

No. 200J126. Each..... 12.33

Bausch & Lomb Microscope Model R. This is Bausch & Lomb's very latest edition to microscopy. It is beyond a doubt a very fine value. It is designed after laboratory models. Base removable for examination of large objects. Rack and pinion focusing mechanism carefully engineed for accurate adjustment. Magnifications of 75 to 300 diameters. Each set is packed with this very complete outfit.



included with this very complete outfit.

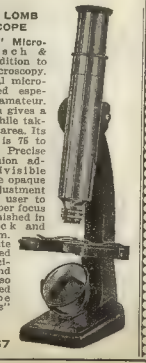
No. 200J135. Each..... 14.00

Bausch & Lomb Photo Micrographic Outfit. Consists of a camera, focusing tube, base, and light tight connector. The microscope (any make) is clamped to the base where it is held firmly. Enables the amateur to take photo micrographs at inexpensive as snapshots, using ordinary Eastman No. 127 films. The picture will be as sharp, rich in detail, as the quality of the microscope will permit. Instruction book free.

No. 200J140. Per outfit 8.00

BAUSCH & LOMB MICROSCOPE

"New Gem" Microscope. Bausch & Lomb's addition to amateur microscopy. Here is a real microscope designed especially for the amateur. The New Gem gives a clear vision while taking in a large area. Its magnification is 75 to 172 Power. Precise rack and pinion adjustment, divisible stand for large opaque objects. Adjustment screw enables user to obtain the proper focus with ease. Finished in lustrous black and chromium. Comes complete in velvet lined case with specimen slide and blank slide. Also booklet entitled "Microscope Experiments" included.



No. 200J128. Each.... 9.67

WOOLNOUGH ANIMALS

The Highest Achievement in Realistic Design and Perfect Workmanship — *At No Price Premium.* WOOLNOUGH is the answer for discriminating Buyers who take pride in handling merchandise of unquestioned quality.

F. W. WOOLNOUGH CO., Inc.
Room 555
200 FIFTH AVE. NEW YORK

WOOLNOUGH'S WASHABLE WOOLIES
These charming Woolnough creations are a delight to the eye. They are as soft as down, yet are unbelievably durable and practical. As easy to wash as your hands. An exclusive Woolnough origination, they have scored a remarkable success.

See the TOY SHOW'S BIG HITS!

Miller's 1935 Year-round sellers!

RUBBER BALLS, TOYS *and* BALLOONS

Featuring **"POPEYE THE SAILOR"** *and* **"TOM MIX** *and* **TONY"**

... more flash, color, real appeal

ALL-RUBBER DOLLS...

... unbreakable... washable... life-like...
fast sellers... for every child of every age

MILLER RUBBER COMPANY, INC., Akron, O.
New York Showroom, 200 Fifth Avenue

Wright & Ditson Tennis Rackets

TOP-FLITE TENNIS RACKET

This is a racket you can handle faster because it has a lighter, smaller head and a new perfection of balance. It is tighter strung. It holds its shape. Its shoulder construction gives it strength for many restringings. And because of its open throat design it has a whip and pliancy never before attained in a tennis racket. Purple and gold silk cord bindings on shoulders and flake. English style tapered handle with blue butt. Fibre insert around the head which gives exceptional strength. Made of best second-growth ash and strung with the best quality gut, or with silk stringing.

295 H01. Strung with Gut. Each $21.00

295 H02. Strung with Silk. Each $16.80

KRO-BAT TENNIS RACKET

A new racket with outside oval chamfer. An ideal racket for the hard hitting player who wants a combination of durability, resilience and yet a long life that will permit many restringings. White fibreloid Kro-Bat reinforcement on shoulders.

295 H03. Gut Strung. Each. $21.00
295 H04. Silk Strung. Each... 16.80

GOLD STAR

Oval chamfer. Special throat and shoulder lamination affords extra strength. Fibre insert around bow, permitting innumerable restringings without danger of splitting. Blue throat design, bound with blue silk cord. Blue and gold silk cord bindings on shoulders. English tapered handle with blue butt. Best gut or silk stringing.

295 H05. Gut Strung. Each. $21.00
295 H06. Silk Strung. Each... 16.80

TROPHY

A new style bow with oval chamfer and with Kro-Bat reinforcement. Walnut throat with white insert. Two-sided English tapered handle with overlaid flake. Blue and gold silk cord binding on shoulders and flake. Strung with silk strings. This racket is beautiful in style and appearance.

295 H07. Each $14.00

ALL AMERICAN

Full oval chamfer bow. Especially adapted for fast play. The popular open-throat model is found in the All American. Patented lamination over throat and shoulders. Red, white and blue silk cord trim on shoulders and flake. Two-sided English tapered handle with blue butt. Strung with spiral silk strings.

295 H08. Each. $11.20

DAVIS CUP

Used by National and Davis Cup players the world over. The shape, balance and feel of it fits right in with the player's ability and add confidence to the play. Outside oval chamfer. Laminated throat construction. Natural walnut throat with white insert. Trimmed with four black and white silk cord wrappings on shoulders and one binding on flake. English style tapered handle. Highest quality gut or silk stringing.

295 H09. Gut Strung. Each $21.00

295 H10. Silk Strung. Each $16.80

COMET

An unusually fine racket. Oval chamfer bow. Mahogany reinforcement on shoulders. Fancy throat. Two sided white handle green butt. Green and white striped fibre bindings on shoulders and flake. Strung with spiral silk strings.

295 H11. Each...$7.00

All Prices Subject to Regular Catalog Discount

RESTRINGING PRICES QUOTED UPON REQUEST!

HUB

A popular low-priced full size red ash frame racket with square chamfer bow and white natural throat. Two-sided handle with red butt. Blue and white fibreloid bindings on shoulders. Strung with silk strings.

295 H12. Each .$3.90

SURPRISE

An ideal racket for beginners. Oval bow with outside oval chamfer. Fancy throat. Two-sided handle with red butt. Red and white fibre bindings on shoulders and handle. Strung with silk strings.

295 H13. Each $5.20

COLUMBIA

Designed especially for the player who wants a good racket at moderate price. Outside oval chamfer with patented laminated construction on throat and shoulders. Blue throat. Red, white and blue silk cord bindings on shoulders. White combed handle, blue butt. Strung with spiral silk strings with full box trebling. A sturdy, dependable racket.

295 H14. Each...$9.10

Wilson Tennis Racket

ELLSWORTH VINES PERSONAL MODEL RACKET

The minute you grasp this new Vines Personal Model and take a practice swing you know you've found the racket you've been looking for.

It has everything — feel — strength and style.

The 9-ply laminated frame is constructed of the sturdiest woods obtainable, the specially shaped beveled bow minimizes warpage and insures maximum strength. White overlay on throat and shoulders and attractive brown and white cord binding strengthen these points of strain.

A new distinctive Vines feature —an inlaid cross band of walnut puts greater strength in the throat, where it is most needed. The combed white basswood handle is shaped to provide the most comfortable grip.

Vines Personal Model strung with finest quality Vines endorsed split lamb gut.

296 H01. Each... $24.00

ELLSWORTH VINES MODEL A RACKET

Those players who seek a really fine racket at a moderate price will find it in the Ellsworth Vines Model A. It's a real value in design, materials and workmanship and it too carries Vines' personal endorsement.

The frame is of fine quality second growth white ash with a full beveled bow and a sycamore overlay on the shoulders. Attractive red, white and black Indestructo bindings on the throat and shoulders reinforce these points of strain. The pallets are of basswood as is the combed comfortable handle.

Vines Model A—strung with moistureproof stringing.

296 H02. Each $9.00

ELLSWORTH VINES

United States Singles Champion.....1931 and 1932
United States Doubles Champion.....1932
Wimbledon Champion 1932
A member of the Wilson Advisory Board

In 1932 when his scintillating game startled the tennis world Ellsworth Vines was rated as the world's greatest player. Since then he has made tennis history by his professional performance before the greatest audiences in the history of the game.

His smashing style of play amazes tennis fans everywhere and no player ever demanded more speed and strength in a racket than does this hard hitting Californian who sends the ball over the net with unbelievable power.

His use of the Wilson Ellsworth Vines personal model racket in all of his matches is proof of its ability to meet every requirement of championship tennis—it withstands the power of his shots with remarkable endurance.

The Ellsworth Vines rackets are painstakingly built according to Vines own specifications and possess several outstanding exclusive features that add a new chapter to the history of the game.

Vines has personally gone into our factory and worked in close collaboration with the skilled Wilson craftsmen to make sure that his ideas of design and construction would be incorporated in the rackets in just the right way. He has approved them with his signature and those who have seen the results claim they're the greatest rackets ever built.

ELLSWORTH VINES MODEL AA RACKET

A fast, popular price racket that will give long service and lasting satisfaction. Like the personal model on the opposite page it bears Vines' signature of approval. It is made up to a sturdy three-piece laminated frame with a beveled bow reinforced with a veneer overlay and board with red, white and black cord at the throat and shoulders. The throat is reinforced with a special mahogany insert for greater durability. Pallets are of basswood and the comfortable grip is of combed basswood.

Vines Model AA racket strung with moistureproof Vines endorsed stringing.

296 H03. Each $14.00

Vines Model AA strung with Grade A lamb gut.

296 H04. Each $17.50

WILSON EXPERT RACKET RESTRINGING

The fine modern restringing department maintained by Wilson employs only skilled craftsmen and uses the highest quality materials possible. Rackets sent direct to us will not only receive expert attention but will be returned to you promptly.

When sending us rackets to be restrung it will avoid confusion and delay if a tag with your name and address and specifying the kind of stringing wanted is tied to the racket itself. Racket should be packed carefully for shipping and all express charges must be prepaid.

We recommend using the best quality stringing for high grade frames and proportionately lower priced stringing for the lower priced frames. Restringing jobs can be supplied in any color listed.

We cannot guarantee stringing. A coating of gut preservative applied immediately after termination of play will help to preserve it. Rackets should be kept free from dampness and moisture.

A grade. Ellsworth Vines tournament grade split lamb gut. 180 lb. tensile strength. **Each $11.20**

Wilson special quality split lamb gut. 150 lb. tensile strength. **Each $7.00**

XXX Ellsworth Vines finest quality moistureproof stringing. 150 lb. tensile strength. **Each $5.60**

Wilson Certified quality moistureproof stringing. 120 lb. tensile strength. **Each $3.50**

Dura grade moistureproof stringing. 100 lb. tensile strength. **Each $4.20**

First grade Oriental stringing. Each $2.10

FAMOUS PLAYER TENNIS RACKET

A fast, nicely balanced, sturdily built open throat model offering quality and dependability not usually found at such a moderate price. One-piece ash frame with full beveled oval bow. Ash overlay at throat and shoulders. Green, white and black Indestructo bindings. Open throat reinforced with fibre. Burled walnut throat trim. Combed basswood grip with mahogany leather butt piece.

296 H05. Strung with Lamb Gut. Each $13.70

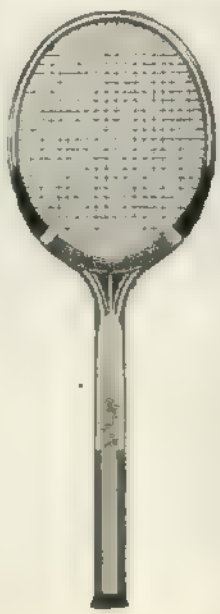
296 H06. Strung with Moisture Proof Stringing. Each $11.30

ROYALIST TENNIS RACKET

This model finds favor with those that understand the fine points of tennis. Correct weight, balance, strength and speed are its chief characteristics. The frame is constructed of a selection of woods that lend themselves to strong lamination, bent dry. Mahogany reinforcement at throat and shoulder. Rosewood shoulder tips, maple throat flake, mahogany throat wedge, comb basswood, grip with leather butt piece, multi-tone orange cable cord bindings on shoulders.

296 H07. Strung with high grade lamb gut. Each $13.70

296 H08. Same as above strung with moisture proof stringing. Each $11.30



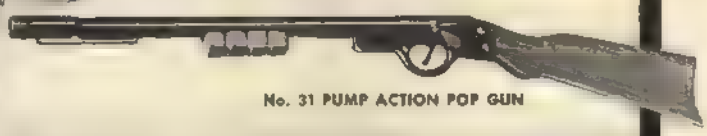
HENRI COCHET RACKET

Here is a racket built for speed and hard play, possessing all the finer qualities of balance, design, correct weight and strength as well as the endorsement of the famous French tennis star, **Henri Cochet.** A fine quality frame of selected second growth ash, and full oval bow reinforced with walnut and holly—full U overlay on shoulders, walnut throat overlay with blue multi-tone cable cord bindings on throat and shoulders. A new French style basswood pallet extending well up into the throat. Combed two-sided grip with leather butt piece strung with high-grade lamb gut.

296 H09. Each $18.00

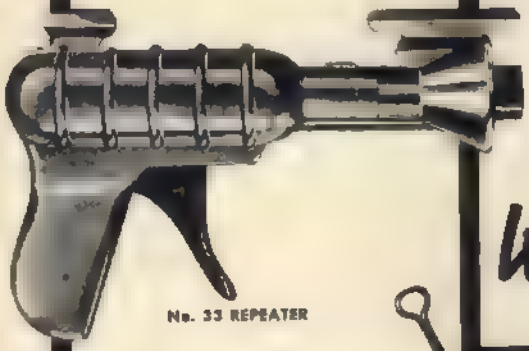
No. 204 AIRPLANE

No. 30 CLICKER GUN



No. 31 PUMP ACTION POP GUN

No. 3329 MODERNISTIC PISTOL
HOLSTER AND BELT



No. 33 REPEATER

A *New* STANDARD ..FOR TOY *Values*

THIS year again brings many magnificent new additions to the Wyandotte Toy Line, making it more cramfull of high-value items than ever before.... The All Metal Products Company, drawing on its many years of successful experience, has created a 1935 toy line that is indescribably appealing, desirable, and destined to elevate the enviable Wyandotte Record for sales to even greater heights.

See the complete Wyandotte Line on display during the Toy Fair, Room 902 and 904 McAlpin Hotel, New York City

Wyandotte Toys

"ARE GOOD AND SAFE"

No. 265 WAGON

No. 32 DOUBLE BARREL CLICKER GUN

No. 34 DOUBLE BARREL POP GUN

ALL METAL PRODUCTS COMPANY, WYANDOTTE, MICH.

When writing to All Metal Products Company, will you please mention PLAYTHINGS?

EFFANBEE

DURABLE

DOLLS

FLEISCHAKER & BAUM

DY-DEE BABIES, DY-DEE TROUSSEAUS, PATRICIA *and the* PATSY FAMILY

Sales Department

200 FIFTH AVENUE

NEW YORK CITY

Announcing NEW 1935 TOYS

WASHETTE SET
WITH WINDOW-TYPE VISION

BLUEBIRD AIRFLOW
RADICALLY NEW

Here are just two new items that are pleasingly new and decidedly different with original and exclusive features that will make your toy department the drawing card of the city. The complete line is on display at our New York office—FIFTH AVENE BUILDING, ROOM 419.

Bluebird Airflow No. 220

See it, play with it . . . sense the airflow thrill . . . speed, speed and more speed. 20½" long, 5" wide, 3¼" high. Retail $1.00.

Washette Set No. 210

And now . . . window-type vision; an original and exclusive feature—radically new and pleasingly different. Circular base prevents tipping. New motor assures fingertip control. Retail $1.00

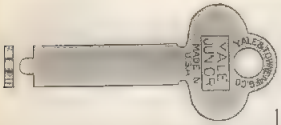
Manufactured by

BUFFALO TOY & TOOL WORKS

BUFFALO, NEW YORK

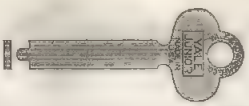
YALE KEY BLANKS.

Full size cuts. Sectional cuts show the key hole of the cylinder.



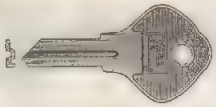
Per Dozen

No. 225B—Key Blanks; flat steel blanks for Nos. 215, 225 and 326 padlocks..... $0.36



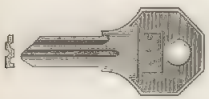
Per Dozen

No. 324B—Key Blanks; flat steel blanks for Nos. 223 and 324 padlocks..... $0.36



Per Dozen

No. 713B—Key Blanks; German silver for 23R night latches and Nos. 713 and 715 padlocks..... .90



Per Dozen

No. 9298A—Key Blanks; German Silver, for No. 603 padlocks..... $0.90

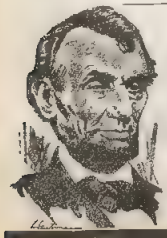
KEY CUTTING MACHINES.

YALE.

An improved key cutting machine. In addition to cutting pin tumbler keys, it will cut flat keys, such as used on cabinet locks and padlocks. For this purpose, a saw-tooth cutter is supplied. The adjustments are easy to make and are very accurate. The machine is intended to be operated by hand, but it can be arranged for operating by power if so desired.

Each

Yale Key Cutting Machines—Size, 6x10 inches; stands 7 inches high; shipping weight, 20 lbs..... $56.00



"You Can Fool all of the people some of the time, and some of the people all of the time. But you can't fool all of the people all of the time.

WE DON'T TRY TO.

CUT KEYS.

We can furnish keys of a particular change number, cut from any of the blanks on pages 958 to 962 from stock or factory, depending on the key wanted and the sample furnished us as follows:

BIT AND FLAT STEEL KEYS.

Send sample or give number of lock or lock set, manufacturer's name and change number stamped on key.

Cut Keys.	Cut from Blank No.	1 Only	2 to 6	7 or More	Each
19K	19				$0.40
25K	25				.33
26K	26				.30
26¼K	26¼				.40
26½K	26½				.30
034K	034				.30
40K	40				.33
42K	42B				.44
43K	43				.33
*68K	68				.66
*78K	78				.48
87K	87				.66
88K	88				.66
90K	90				.30
91K	91				.30
92K	92				.40
94K	94				.33
95K	95				.33
108K	108				.33
115K	115B				.40
155K	155				
225K	225B				.40
324K	324B				.40
378K	378				.40
01029K	01029				.33
02486K	02486				.40
2487K	2487				.33

CYLINDER KEYS.

Our cylinder keys are machine cut. Keys made from any of the blanks on pages 960, 961, 962 and 962A can be supplied from stock if sample key is furnished. If a complete key is not available, by sending us the broken key we can supply from the factory providing the broken key is a factory original.

When we order from factory the following prices will obtain:

1 only 2 to 6 7 to 24

Where we have a complete sample and can cut on our machine:

1 only 2 to 6 7 to 24 25 or more

*High price is due to the minimum charge of factory for a sale less than 25 cents.

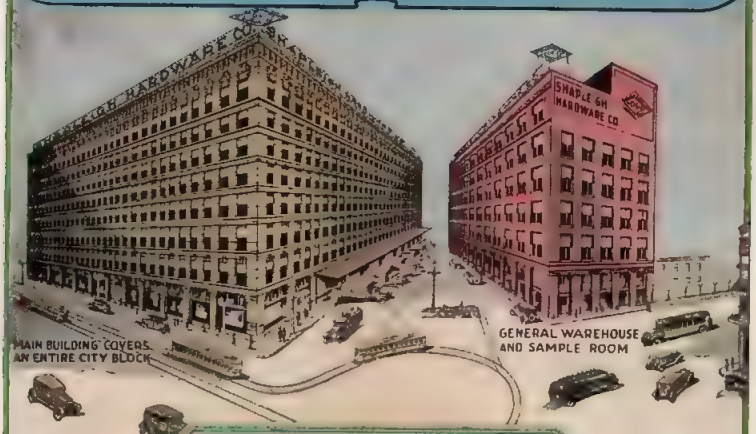
*DIAMOND EDGE LABELS

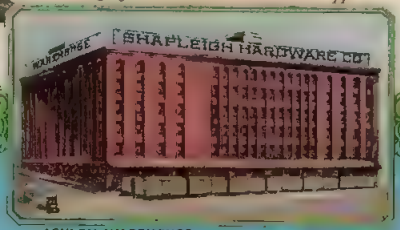
All *DIAMOND EDGE* Labels are the same color and style. The following reproductions show their Color, Design and harmonious appearance. *DIAMOND EDGE* Tools are packed in green, soil proof boxes. They look well on the shelf and will attract the attention of customers.

"DIAMOND EDGE IS A QUALITY PLEDGE"

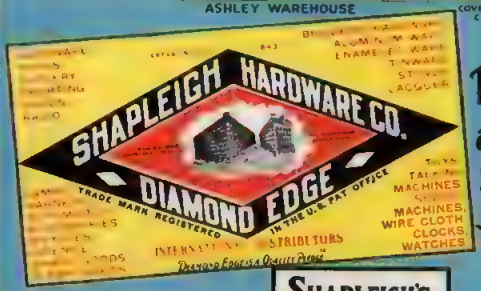
OUR BUILDINGS

MILLIONS OF DOLLARS WORTH OF HARDWARE ARE SENT FROM THESE BUILDINGS EACH YEAR


SHAPLEIGH HARDWARE CO.
SHAPLEIGH HARDWARE CO.
MAIN BUILDING COVERS AN ENTIRE CITY BLOCK
GENERAL WAREHOUSE AND SAMPLE ROOM



ASHLEY WAREHOUSE COVERS AN ENTIRE CITY BLOCK



This Familiar Poster appears on all Shipping Cases

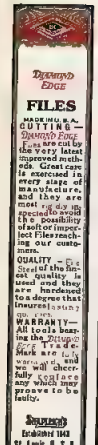
DIAMOND EDGE HINT SLIPS

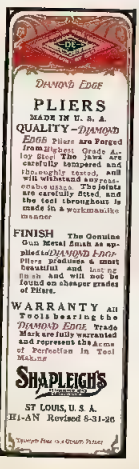
A HELP TO RETAIL SALESMAN. The retail dealer will find these Hint Slips a benefit to his clerks. Valuable information is printed thereon which very often is a necessity and thereby helps sell the goods. One of these Hint Slips is pasted on every box containing DIAMOND EDGE Tools or Cutlery and gives the necessary sales talk to HELP RETAIL SALESMEN SELL THE GOODS.

THIS IDEA OF HELPING THE RETAILER IN THIS MANNER WAS

"ORIGINATED BY US"

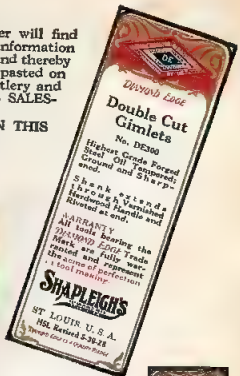
DIAMOND EDGE
DRILLS
Made in U. S. A.
MANUFACTURE—
DIAMOND EDGE
DRILLS are made of highest grade carbon drill steel, full size, properly tapered to polished surfaces and shanks will fit any brace in the market.
TEMPER—
DIAMOND EDGE DRILLS are all tempered, to suit the material they are to work in, by an expert who watches every drill from furnace to packing case.
WARRANTY—
DIAMOND EDGE Trade Mark are fully warranted and represent the acme of perfection in Twist Drills.
SHAPLEIGH'S
ST. LOUIS U. S. A.
H1A Revised 5-31-26
"Originated by Us"


DIAMOND EDGE
FILES
MADE IN U. S. A.
CUTTING—
DIAMOND EDGE Files are cut by the very latest improved methods. Great care is exercised in every stage of manufacture, and they are most carefully inspected to avoid the possibility of soft or imperfect Files reaching our customers.
QUALITY—Cut Steel of the highest quality is used and they are hardened to a degree that insures long service.
WARRANTY—All tools bearing the DIAMOND EDGE Trade Mark are fully warranted, and we will cheerfully replace any which may prove to be faulty.
SHAPLEIGH'S
Established 1843
St. Louis, U. S. A.
H10A
"Originated by Us"
A Quality Pledge


DIAMOND EDGE
PLIERS
MADE IN U. S. A.
QUALITY—DIAMOND EDGE Pliers are Forged from Highest Grade Alloy Steel. The jaws are carefully tempered and thoroughly tested, and will withstand any reasonable usage. The joints are carefully fitted and the tool throughout is made in a workmanlike manner
FINISH—The Genuine Gun Metal Smith as applied to DIAMOND EDGE Pliers produces a most beautiful and lasting finish and will not be found on cheaper grades of Pliers.
WARRANTY—All Tools bearing the DIAMOND EDGE Trade Mark are fully warranted and represent the Acme of Perfection in Tool Making
SHAPLEIGH'S
ST. LOUIS, U. S. A.
H1-AN Revised 5-31-26
"Originated by Us" A Quality Pledge

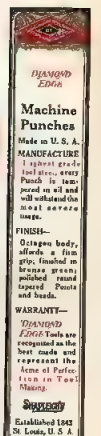
THE LARGEST RETAIL SALES
IN THE WORLD
ORIGINATED BY US
TRADE MARK REGISTERED IN THE U.S. PAT. OFFICE
DIAMOND EDGE
POCKET KNIVES
Made in U. S. A.
QUALITY—Blades forged from Best Pocket Cutlery Steel known carefully Hardened and Perfectly Tempered by the most skilled and experienced Cutlers. Celebrated for perfect cutting edges, ease in opening of blades, superior finish and symmetrical appearance. Every blade sharpened and honed ready for use free from flaws and imperfections.
HANDLES—Perfectly fitted, full and neatly finished in every respect. The Knives are made by the most skilled Cutlers that it is possible to obtain who work for Quality. Not for Quantity
WARRANTY—All Knives bearing our DIAMOND EDGE Trade Mark are fully warranted and represent the acme of perfection. Knives which are smooth worn or have been regrounded by consumers or dealers, who are usually inexperienced grinders, and draw the temper out of the blades, thus spoiling them, should not be replaced. Dealers should also not be called upon to replace Knives with the points of blades breaking up out of the handles as this is no fault of the Knives—on account of dust, dirt and lack of oiling the joints wear away and cause the seeming defect. All blades should be oiled whenever they begin to grind or open hard.
SHAPLEIGH'S
H4-N
DIAMOND EDGE IS A QUALITY PLEDGE

DIAMOND EDGE
PLUMB BOBS
Nos. DE15, DE25 and DE50
MATERIAL—Hexagon Steel Body, Points Hardened, Polished and Nickeled, Brass Screw Cap.
WARRANTY—All Tools bearing the DIAMOND EDGE Trade Mark are fully warranted and represent the acme of perfection
SHAPLEIGH'S
ST. LOUIS, U. S. A.
H6B
"Originated by Us" A Quality Pledge


DIAMOND EDGE
Double Cut Gimlets
No. DE300
Highest Grade Forged Steel, Oil Tempered, Ground and Sharpened.
Shank extends through Hardwood Handle and is Riveted at end.
WARRANTY—All Tools bearing the DIAMOND EDGE Trade Mark are fully warranted and represent the acme of perfection in Tool making.
SHAPLEIGH'S
ST. LOUIS U. S. A.
H5c Revised 5-31-28
"Originated by Us"

Fac-similes of DIAMOND EDGE Hint Slips

DIAMOND EDGE
SOLID CENTER AUGER BITS
ADVANTAGES—
DIAMOND EDGE Solid Center Auger Bits are forged of the highest grade tool steel, best adapted for Auger Bits. They are very strong and the tab or solid bar in the center gives them added strength over other types of bits. Solid center bits bore very rapidly and is so reliable as to the open twist there is plenty of clearance and will not choke.
FINISH—The entire bit with the exception of the bit brace shank is highly polished. The screw is accurately cut, the cutters are very sharp and tool is carefully tempered. They will hold cutting edge long and can be easily sharpened.
WARRANTY—DIAMOND EDGE Solid Center Auger Bits, like all DIAMOND EDGE Tools are warranted in every particular and represent the Acme of Perfection in Tool Making
SHAPLEIGH'S
ST. LOUIS U. S. A.
H1L
"Originated by Us"


DIAMOND EDGE
Machine Punches
Made in U. S. A.
MANUFACTURE—Highest grade tool steel, every Punch is tempered in oil and will withstand the most severe usage.
FINISH—Octagon body, affords a firm grip, finished in bronze green, polished round tapered Points and heads.
WARRANTY—DIAMOND EDGE Tools are recognized as the best made and represent the Acme of Perfection in Tool Making.
SHAPLEIGH'S
Established 1843
St. Louis, U. S. A.
H15-B
Revised 5-6-28
"Originated by Us" A Quality Pledge

Shapleigh National Series No. 1530. Above plate used in our National Advertising Campaign.

BALLOON TIRED BICYCLES

SHAPLEIGH'S

ESTABLISHED 1843 ST. LOUIS U.S.A.

THE POPULAR KIND

SPECIAL BICYCLES

RUSTLESS STEEL HIGHLY POLISHED FENDERS WITH ENAMELED STRIPES TO MATCH FRAME

ALL OTHER BRIGHT PARTS CHROMIUM PLATED

WITH BALLOON TIRES

SPUN HEAD CONSTRUCTION

HEAT TREATED CRANKS

BEAUTIFULLY DECORATED AND STRIPED

FINEST EQUIPMENT COMPLETE WITH STAND AND SEMAPHORE

OUR STOCK OF BICYCLES AND WHEEL GOODS IS COMPLETE

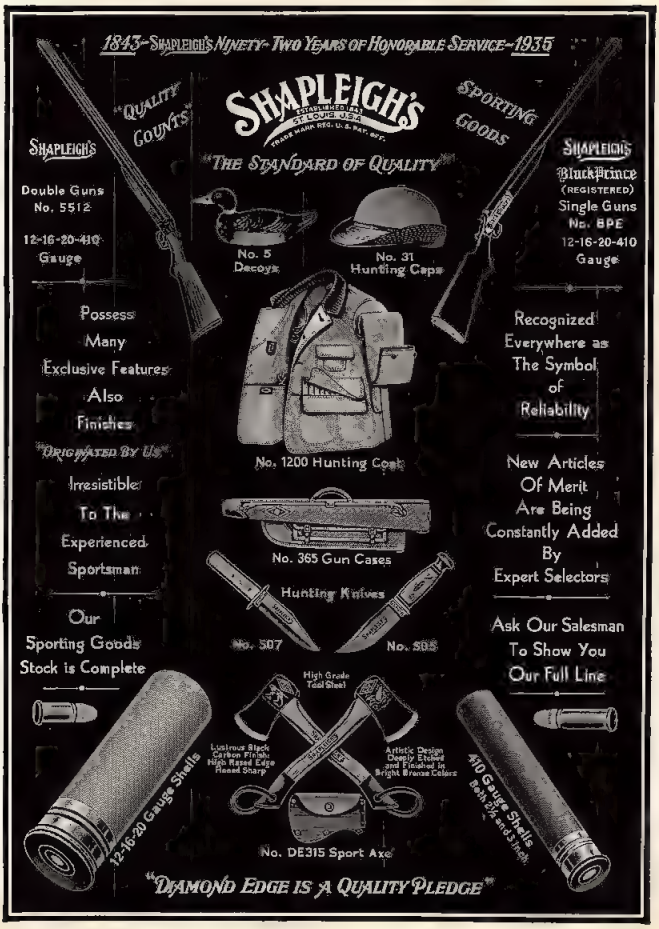
SAFE AND STRONG

- No. M28B -

MOTO-BIKE MODEL

ASK OUR SALESMEN TO SHOW YOU OUR COMPLETE LINE

Shapleigh National Series No. 1881. Above plate used in our National Advertising Campaign.



Shapleigh National Series No. 1863. Above plate used in our National Advertising Campaign.

1843–SHAPLEIGH'S NINETY-TWO YEARS OF HONORABLE SERVICE–1935

SHAPLEIGH'S

TRADE MARK REGISTERED

ESTABLISHED 1843
ST. LOUIS, U.S.A.

IN THE U. S. PAT. OFFICE

SHAPLEIGH HARDWARE CO.
TRADE DE MARK
DIAMOND EDGE.
TRADE MARK REG IN U. S. PAT. OFFICE

SERVICE
WITH SYSTEM BUILT FOR SPEED

QUALITY
SECURED FROM MATURED SCHOOL OF EXPERIENCE

MECHANICS' TOOLS

THE TOOL SECTION is the Basis of Every Hardware Stock—all else is relative.

Hence, every Dealer is deeply interested in making his Selections with such care as will reflect his good Judgment.

With this outstanding fact in mind, the House of Shapleigh has, for Eighty-six Years, spared neither effort nor expense to assemble and maintain a stock of Tools which from the standpoint of quality and completeness would be representative of all that is best in this Important Line.

In the following pages will be found every essential tool of proven worth produced by all the Leading Manufacturers under their respective Brands.

Notwithstanding the unquestioned excellence of the tools marketed under their maker's names, their wide distribution naturally results in price competition which at times limits the Dealers' Profit to such small percentages as Retailers least qualified in the science of merchandising see fit to add.

TO MEET this condition and to insure to its Patrons a living profit, SHAPLEIGHS in 1864, undertook to Build, under the *DIAMOND EDGE* Trade Mark, a complete Line of Tools of superior quality and embodying exclusive features in design and finish.

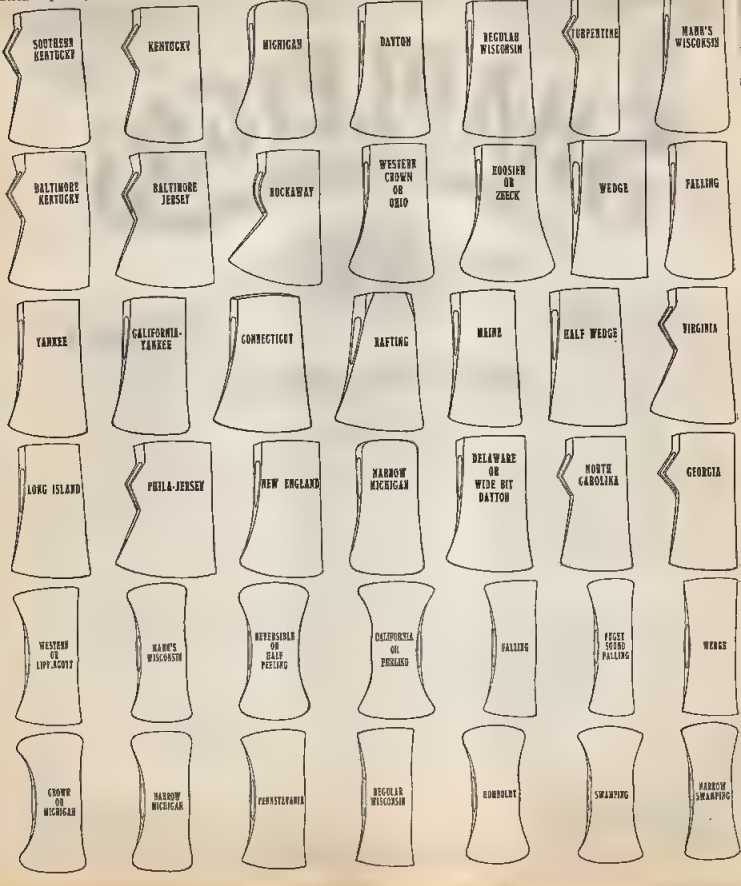
And now, after more than sixty years of painstaking effort, in which the co-operation of Mechanics, Retailers and Manufacturers has been constant, the Line of *DIAMOND EDGE* Tools has attained national recognition as the best and most complete selection under a single Trade Mark.

While this catalog is complete to date of issue, it should be remembered that SHAPLEIGHS are constantly adding new articles of merit concerning which, SHAPLEIGHS salesmen have full information.

"DIAMOND EDGE IS A QUALITY PLEDGE"

AXES

The Illustrations Below Give, for Comparison, the Outline of the Various Patterns of Axes. All of these Patterns can be Furnished in any of the Brands Shown on the Following Pages. Those Patterns Illustrated Below, which are Not Included with Our Brands for Stock Shipment, can be Furnished Only for Direct Shipment from Factory.



NRA
1843–SHAPLEIGH'S NINETY-TWO YEARS OF HONORABLE SERVICE–1935
SHAPLEIGH'S
ESTABLISHED 1843 ST. LOUIS, U.S.A.
TRADE MARK REG. U.S. PAT. OFF.
DIAMOND EDGE
SHAPLEIGH HARDWARE CO.
TRADE
D E
DIAMOND EDGE PATENTED
TRADE MARK REG. U.S. PAT. OFF.
TOOL CABINETS
EQUIPPED WITH HIGHEST GRADE TOOLS
A VARIETY OF SETS TO MEET ALL DEMANDS
OUR STOCK OF TOOLS IS COMPLETE
ASK OUR SALESMAN TO SHOW YOU OUR FULL LINE
For Over 69 Years
DIAMOND EDGE TOOLS
Have Stood for Quality.
This Trade Mark Appears Only
on Merchandise that is--
to the Best of Our Knowledge--
the Very Best that can be Produced.
DIAMOND EDGE TOOLS are Made
in ALL STANDARD SIZES
AND PATTERNS
with Many Improvements
and New Ideas
"ORIGINATED BY US"
SUITABLE FOR THE SKILLED MECHANIC
OR FOR THE BOY LEARNING THE USE OF TOOLS
-- FOR THE HOME --
"DIAMOND EDGE IS A QUALITY PLEDGE"
NRA

Shapleigh National Series No. 1825. Above plate used in our National Advertising Campaign.

1843–SHAPLEIGH'S NINETY-TWO YEARS OF HONORABLE SERVICE–1935
SHAPLEIGH HARDWARE CO.
TRADE DE MARK
DIAMOND EDGE
No. DEO 34½ B HAY FORK
No. DEAO 134½ HEADER FORK
Packed with Unusual Care- Open up Bright, Clean and Attractive - Are Easy to Sell.
No. DEO 44½ MANURE FORK
No. DE2 FF CULTIVATOR AND WEEDING HOE
SHAPLEIGH'S
DIAMOND EDGE
STEEL GOODS
Handles are Choice Straight Grained White Ash, Waxed, Polished and Protected by Individual Paper Bags.
In Driving the Handles, Extra Care is Taken to See that the Strain in Use will Bear Properly Against the Grain.
No. DE 14 GARDEN RAKE
No. DE 22 BRUME RAKE
High Grade Tool Steel is Used Throughout the DIAMOND EDGE Line. The Tools are Forged, Tempered and Finished to Give the Greatest Service in their Intended Use.
No. DEOLO SPADING FORK
OUR STEEL GOODS STOCK IS COMPLETE
No. DESMOB HANDLED COTTON HOE
No. DELGO6 GARDEN OR FIELD HOE
ASK OUR SALESMAN TO SHOW YOU OUR FULL LINE
"DIAMOND EDGE IS A QUALITY PLEDGE"

Shapleigh National Series No. 1782. Above plate used in our National Advertising Campaign.

EAST OF SUEZ

is the realm of

P & O

Cunard White Star, largest fleet on the Atlantic, now becomes your gateway not only to Europe, but to all the East . . . through its connection with the famous P & O Lines. Cross to England, then sail on the new s.s. Strathnaver, s.s. Strathaird or other great P & O liner . . . to Egypt, Sudan, the Persian Gulf, India, Burma, Ceylon, Straits Settlements, China, Japan, Australia, New Zealand, East and South Africa, Mauritius. Thus you use throughout the Lines traditionally supreme since 1840!

PENINSULAR AND ORIENTAL AND BRITISH INDIA STEAM NAVIGATION COMPANIES

ROUND THE WORLD TOURS—Eastward, westward, anytime. Tickets good 2 years. Made-to-order itineraries as low as $874 First Class, $551 Cabin and Tourist Classes.

CRUISES FROM ENGLAND—varied itineraries to the Mediterranean and Northern Wonderlands in season.

Complete information from Your Local Agent or

CUNARD WHITE STAR

GENERAL AGENTS

23 Broadway New York 638 Fifth Ave.

..Go American

One Class to EUROPE

The excellence of accommodations and service that the Baltimore Mail Line offers at exceedingly modest rates will astonish you. Staterooms all outside on upper decks, 60% have private baths. Spotless cleanliness. Fine food. No class restrictions — more room for rest and play. Complete ocean travel comfort costs less when you go American One Class.

Weekly Sailings to and from Europe

Rates as low as

$90 ONE WAY ROUND TRIP **$171**

Weekly to Hamburg to London or Havre alternate weeks reroute

See Your travel agent, any U. S. Lines Office or write Balto. Md.

BALTIMORE MAIL LINE

TOUR INDIA

15 STOPS - 28 DAYS

$12 A DAY

Now you can see all of India in one month for only $340 per person (party of three) Includes rail fares, personal servant, hotels, sightseeing, and incidentals. See Madura, Calcutta, Benares, Agra, Bombay . . . and 10 other stops of interest, including Ceylon. Information: India State Railways, 38 East 57th St., New York . . . or the better travel agents

India

Now-they

WHISTLE!

FIRST TIME! A LOCOMOTIVE WHISTLE ON A MODEL TRAIN!

"ANY RAILROAD SIGNAL ANY TIME – AND SO REALISTIC IT'LL STIR YOU TO THE HEELS

[illegible]

ALL THE DETAILS OF REMOTE CONTRO[illegible]

NOW HERE'S THE WAY TO GET THIS BIG LIONEL RAILROADING BOOK FREE

[illegible]

BUT THAT'S ONLY HALF THE STORY

[illegible]

AND IN ADDITION, ALL THIS—

[illegible]

A new department store [illegible]

The Lionel Corporation, Department 86,
5 East 26th Street, New York 16, N. Y.

Please rush me a copy of the new 1955 Lionel Catalog. I enclose [illegible] to cover the cost of postage and handling.

Name _____

Address _____

City _____ State _____

LIONEL *Electric* TRAINS

Manufactured by The Lionel Corporation, New York, N.Y. Sold by Authorized Lionel Dealers Everywhere

Now they

WHISTLE!

FIRST TIME! A LOCOMOTIVE WHISTLE ON A MODEL TRAIN!

"Any Railroad Signal Any Time – and So Realistic It'll Stir You to the Heels

Down goes your finger on the button of a [illegible] the locomotive whistle blows just as loud and realistic as the real thing.

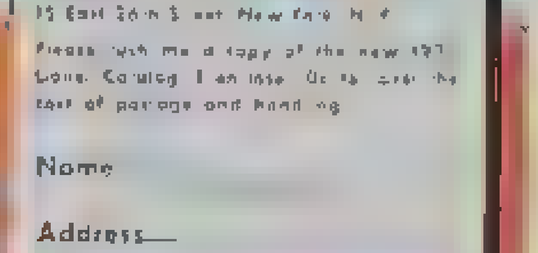
But that's only half the story

A hundred questions pop up when you hear the whistle. Where is the whistle located? How is it operated? What else can you do with it? What other new gadgets and accessories are there?

And in addition all this—

All the details of remote control

Now, here's the way to get this big Lionel railroading book free



This coupon to Lionel Corporation, Department 70, 15 East 26th Street, New York 10, N. Y.

Please rush me a copy of the new 1951 Lionel Catalog. I am inclosing 10¢ to cover the cost of postage and handling.

Name

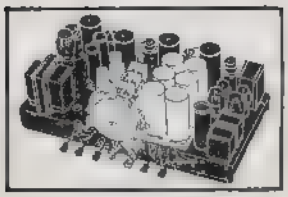
Address

City State

LIONEL Electric TRAINS

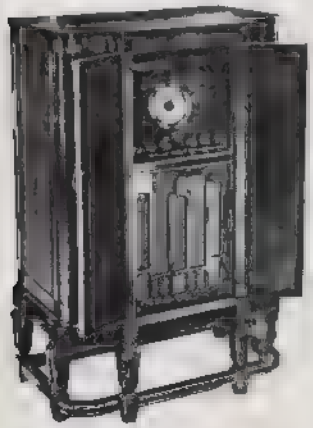
ACROSS SEVEN SEAS . . . .

through boundless space . . . to far distant lands



HOW "MAGIC BRAIN" WORKS

Inside RCA Victor all-wave sets is an uncanny governing unit—shown above (in white) as part of the regular circuit and tubes. Human in its thinking, we compare it to the human brain. *Each* tone has higher fidelity . . . and you hear, directed and blended by "Magic Brain", the fullest possible performance from the whole set—in a quality reception heretofore unequalled.



Console Model 281 "Magic Brain" Superheterodyne, 5 bands including exclusive "X". High-low tone control. Superb audio compensation . . . $225

Travel tonight on radio's wings of light with RCA Victor's "Magic Brain"

A horizon with no limit . . . entertainment without end. A visit to exotic ports o' call . . . an education in internationalism. That's the promise—and performance—of world-radio today. That's what you can enjoy with this miraculous "Magic Brain" all-wave set.

Foreign and domestic stations march into your living room with amazing accuracy and tone. Police, amateur, ship signals . . . and aviation weather reports on RCA Victor's exclusive "X" band lend new variety to your radio listening hours. Programs come in with clarity and stellar performance. New ease of tuning is yours—those stations you want when you want them. The "Magic Brain" does it . . . an uncanny governing unit now found deep inside RCA Victor's newest all-wave sets. Only a demonstration can give you the full measure and depth of their performance. Go now to your nearest RCA Victor dealer. Let him put a "Magic Brain" set through its paces.

RCA Victor instruments priced from **$10.75** to $375.00, including Standard Receivers, Auto Radios, Air-Cell Battery Radios and Radio-Phonographs. All RCA Victor instruments equipped with RCA Micro-Sensitive Radio Tubes. All prices F. O. B. Camden, N. J., subject to change without notice. Any short-wave radio performs better with an RCA World-wide Antenna.

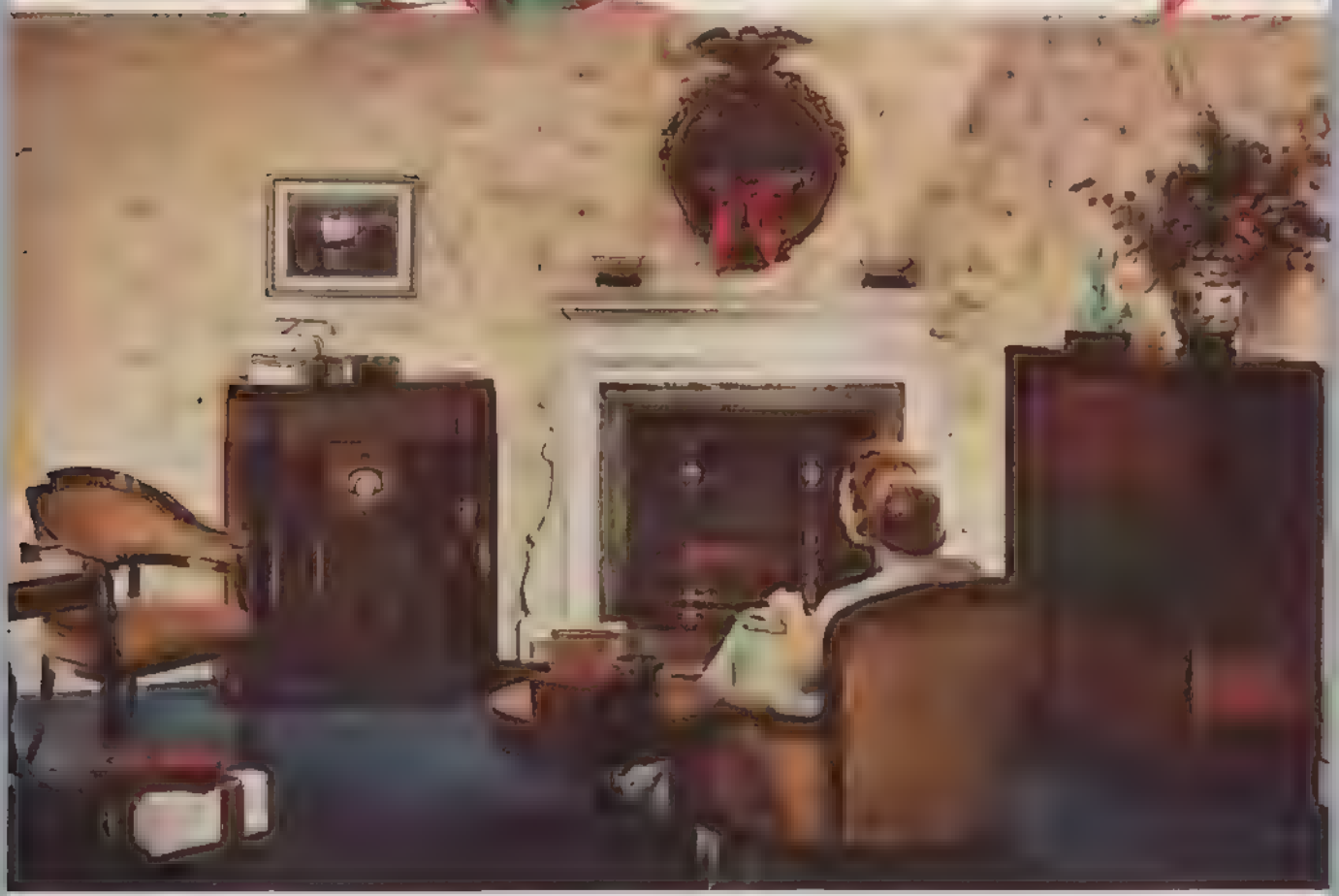
The "X" band is in all sets of 8 tubes or more.

RCA VICTOR

RCA VICTOR CO., INC., ONE UNIT OF RADIO CORPORATION OF AMERICA THE WORLD'S LARGEST RADIO ORGANIZATION. OTHER UNITS: NATIONAL BROADCASTING CO., INC. . . . E. C. A. COMMUNICATIONS, INC. . . . RCA RADIOTRON CO., INC. . . . RADIOMARINE CORPORATION OF AMERICA

A Gift beyond price...

this Lifetime of Music!



Two superb achievements presented by RCA Victor ...The D-22 and the Victor Library of Recorded Music

•

THIS could be your Christmas morning: It is the zero hour, just when the tree is lit. Now the door opens, and, as the family crushes through, the Hallelujah Chorus from the Messiah rings out in triumph and thanksgiving. The Trinity Choir might be there about the Christmas tree, so clear are the voices, so warm with life the music. Instead, it is the beginning of a 90-minute concert selected by you from the Victor Library of Recorded Music, played by the D-22, greatest RCA Victor combination radio-phonograph.

With these two crowning RCA Victor achievements—the Victor Library of Recorded Music, and the D-22, RCA Victor radio-phonograph—you make your family a gift that embraces the entire world of music.

The years stretch ahead, illimitably richer for this gift. Bach—Szostakowicz—Beethoven—Ravel—Kreisler—Ponselle—Harold Bauer—The Philadelphia Orchestra—Rachmaninoff—are just a few of the hundreds of musical great who will be the intimates of your children.

The Victor Library of Recorded Music is the first, all comprehensive, completely classified record library. Its 461 records cover the most important works in every musical field from ancient to modern—include recordings by most of the great musical artists and organizations.

The D-22, RCA Victor's greatest radio-phonograph, incorporates the revolutionary Dynamic Expander, with automatic record-changer, and home recording, in combination with the finest "Magic Brain" radio with the "Magic Eye". To both radio and recorded music D-22 brings all the warmth, the infinite variations of tonal color, the full range of the complete orchestra—exactly as you hear it in the original production. Here is the most superb musical instrument ever offered you

Ask your dealer for complete information about the Victor Library of Recorded Music, and the D-22, or write RCA Victor, Camden, N. J

RCA VICTOR

Within these two distinguished Cabinets —all the World's Music

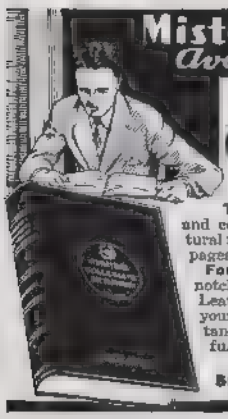
A hushed and breathless murmuring from the violins and wood-winds; then the great orchestra gathers all its forces in one onrushing crescendo of sound The earth seems to tremble, and stand still. It is mighty Wagner, played by one of the great orchestras. You, borne aloft by the surging music, have forgotten the work-a-day world. But what now? A swift change of mood. A thin, fugitive stream of sound slips down from the hills; piped by a wayward, ageless little god. Debussy evokes a strangely disturbing dream.

A distinguished concert hall? Far better than that! You are in your own home—the concert is one of your own selection—and though your ears could well believe you were in the physical presence of the orchestra, you know you are hearing your RCA Victor D-22 radio-phonograph playing records from the Victor Library of Recorded Music.

In these two cabinets, RCA Victor opens the door of your home to a world of music that is literally limitless, both in scope and in enjoyment. In one cabinet is the just-completed Victor Library of Recorded Music—the first, all comprehensive, completely classified record library. Its 461 records cover the most important works in every musical field from ancient to modern—include recordings by most of the great musical artists and organizations of recent times. In the other cabinet is the D-22, RCA Victor's greatest radio-phonograph, incorporating the revolutionary Dynamic Expander, with automatic record-changer, and home recording, in combination with the finest "Magic Brain" radio with the "Magic Eye". To both radio and recorded music D-22 brings all the warmth, the infinite variations of tonal color, the full range of the complete orchestra—exactly as you hear it in the original production.

Hear this wonderful instrument at your dealer's—hear it play some of the great music from the Victor Library of Recorded Music, just as you've heard these immortal works from the concert stage. A letter to RCA Victor, Camden, N.J., will bring you a complete description of the Library and the D-22.

RCA VICTOR



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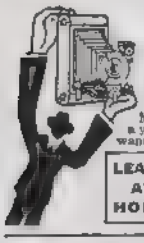
Avoid Them With
WEBSTER'S COLLEGIATE
A Merriam-Webster

The Best Abridged Dictionary. A rich and convenient storehouse of useful and cultural information at instantly accessible. 1268 pages; 1700 illustrations; 106,000 entries
Fourth Edition: Thin-paper, with thumb-notch index: Cloth, $3.50; Fabrikoid, $5.00; Leather, $7.00; Pigskin, $8.50. Purchase of your bookseller, or send order and remittance direct to the publishers, or write for full information free.

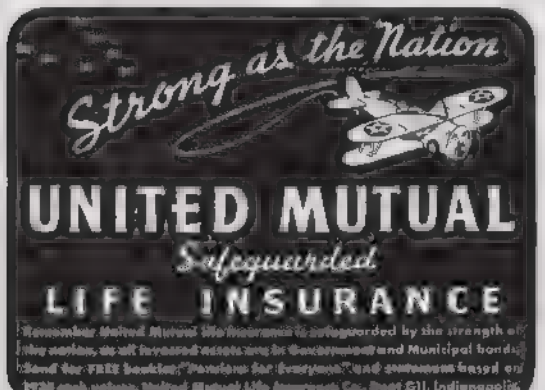
G. & C. MERRIAM CO.
565 Broadway Springfield, Mass.



How to Cash-In with Your CAMERA

Magazines, newspapers, advertisers BUY millions of photos a year from people who *know how* to take the kind of pictures wanted! Let us teach you how to take real human-interest pictures that SELL. Our personalized home-study course—the most complete training in Journalistic Photography ever offered—prepares you to make good money in this fascinating field—quickly *at lowest cost in spare time.* Write now for FREE Book. **Universal Photographers, Dept. 5211, 10 W. 33rd St., N.Y.C.**

LEARN AT HOME



Remember United Mutual life insurance is safeguarded by the strength of the nation, as all invested assets are in Government and Municipal bonds. Send for FREE booklet, "Facts for Everyone," and statements based on your own values. United Mutual Life Insurance Co., Dept. C11, Indianapolis.

MUSIC LOVERS: Sale! Brunswick-Polydor-Decca . . . the world's finest recorded music. 50c and 75c per record. Regular price $1.50 and $2.00. The Symphonies, Chamber Music, Operas, of BACH, WAGNER, BEETHOVEN, SCHUBERT, BRAHMS, etc. Mail Orders sent anywhere. Complete Catalog "15" on request. Also Victor and Columbia Records. **MUSIC SERVICE**
111 E. 14th Street New York City

$5.00 POSTPAID

TELL TOMORROW'S WEATHER

Plan your trips, your outdoor work by the forecast of this dependable barometer.

Guaranteed BAROMETER

Thoroughly reliable, handsome, durable. It makes a

Fine Gift

at a price that cannot be duplicated. Buy one for your friend

Mahogany case, enameled dial, beveled glass front, size 5½ inches. An attractive, practical instrument for any home. $5.00 postpaid.

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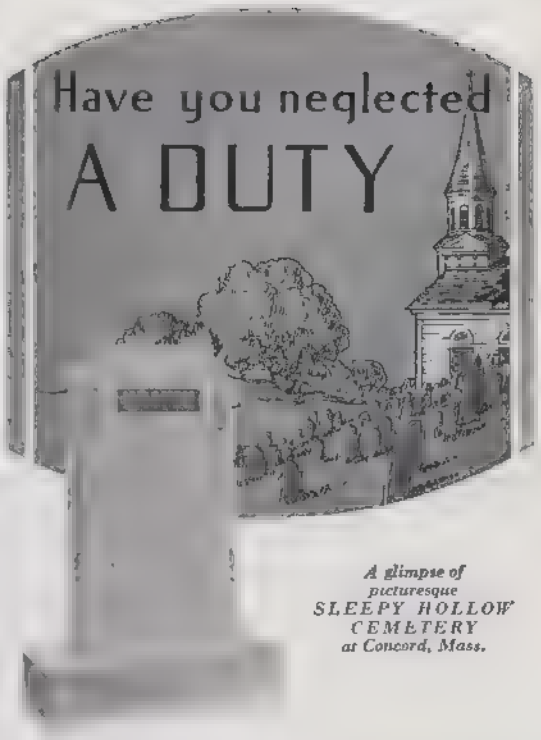

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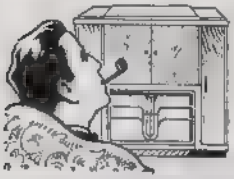

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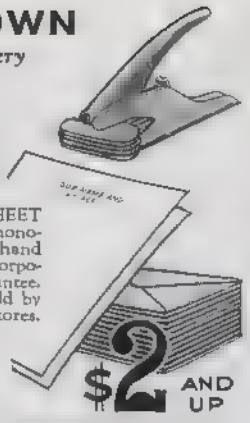

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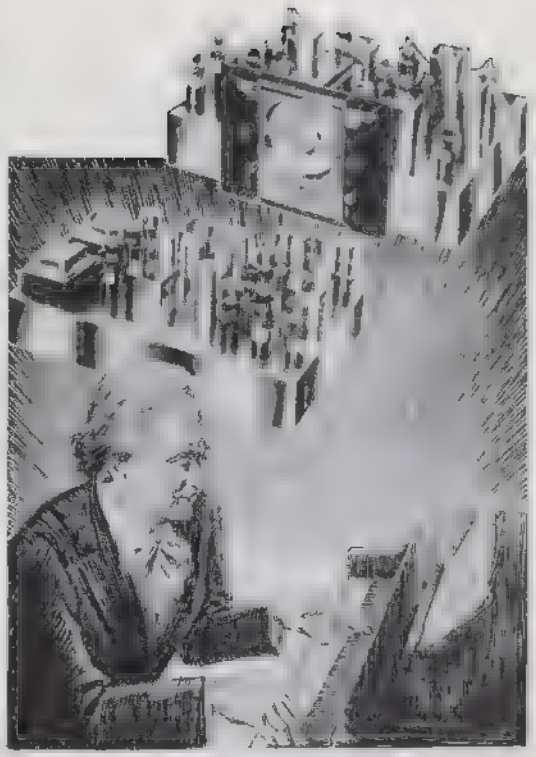

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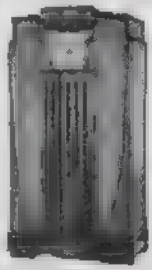

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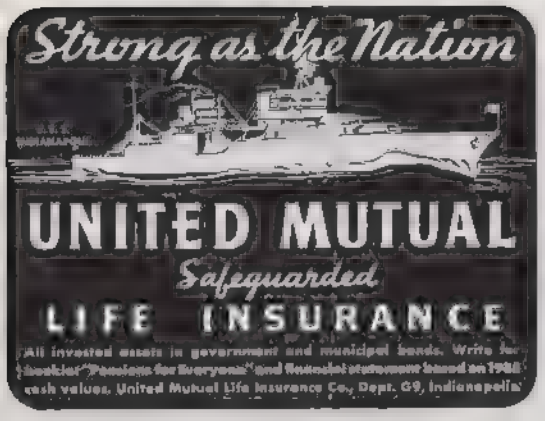
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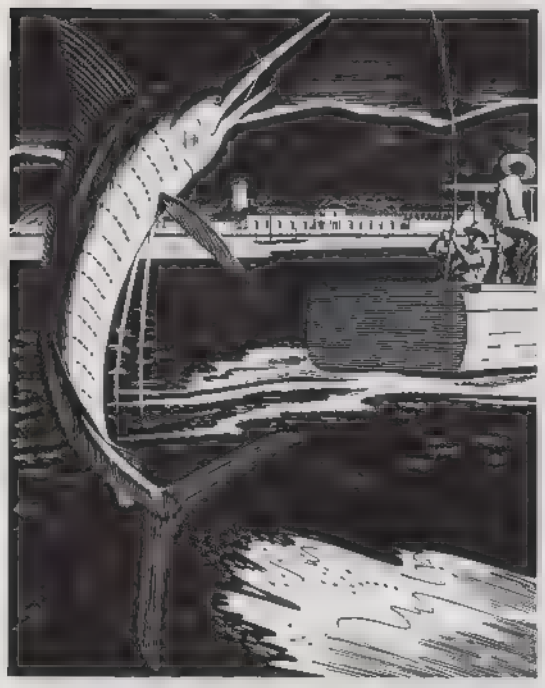

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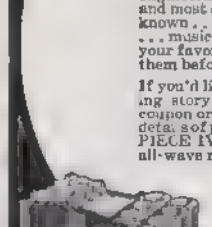

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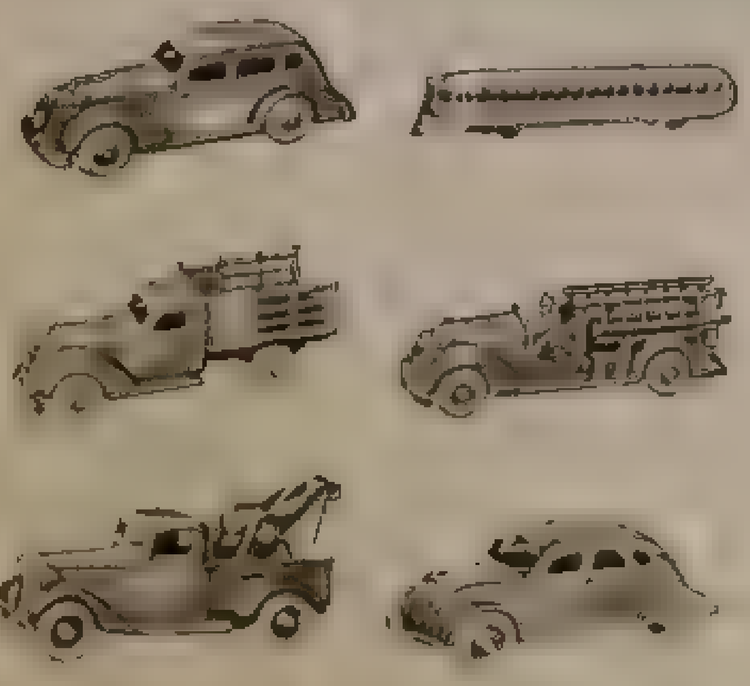

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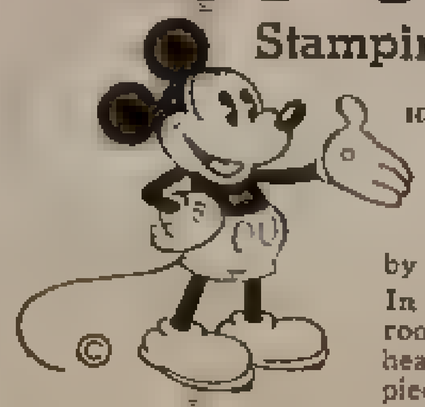

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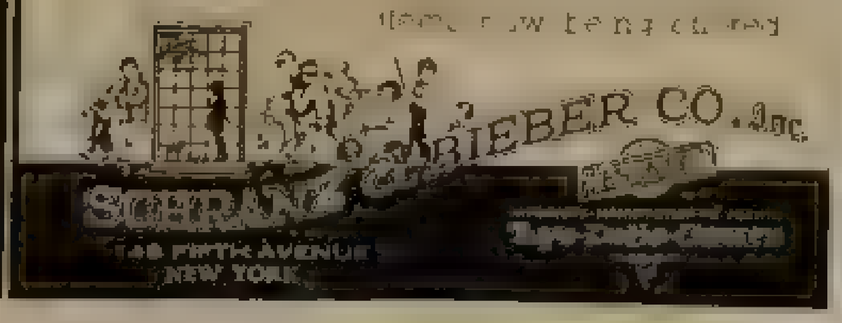

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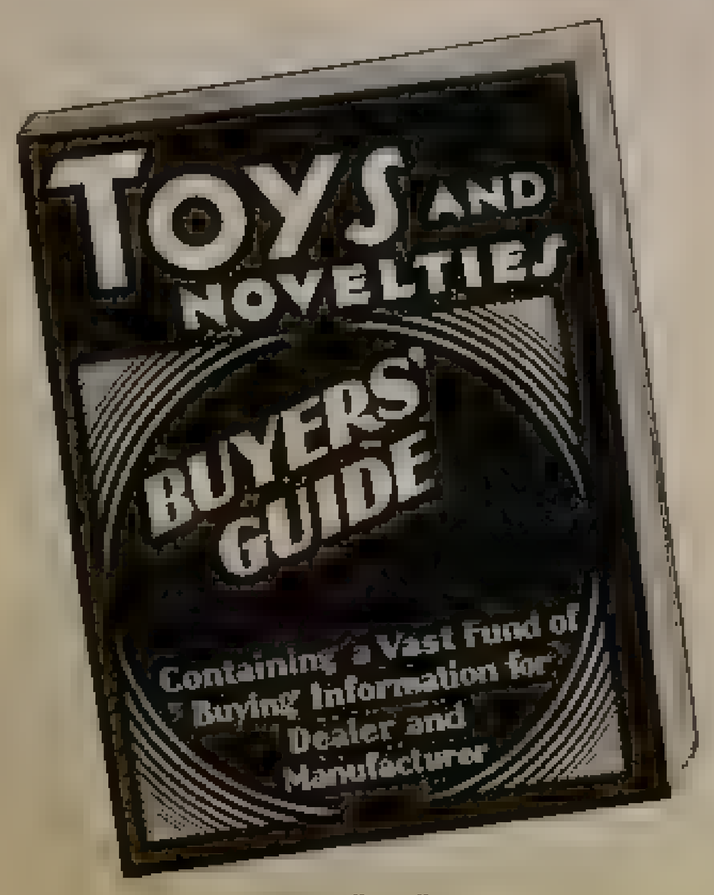

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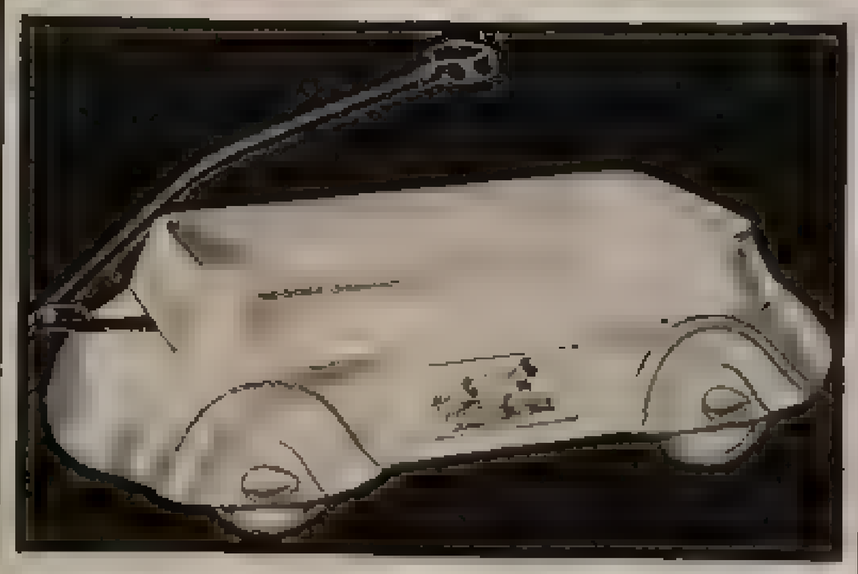

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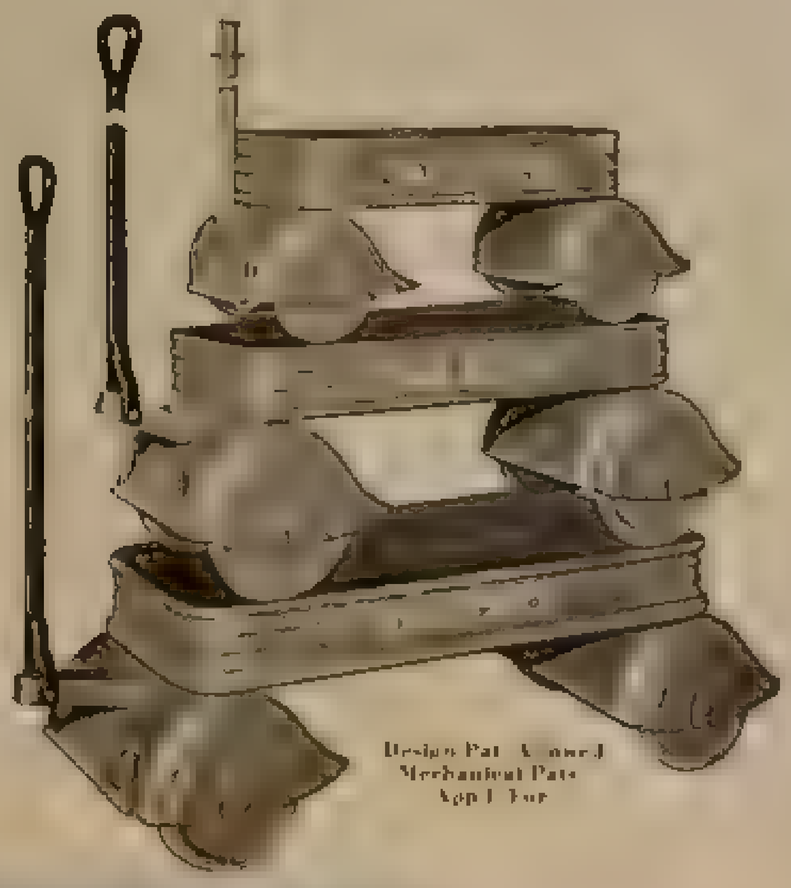

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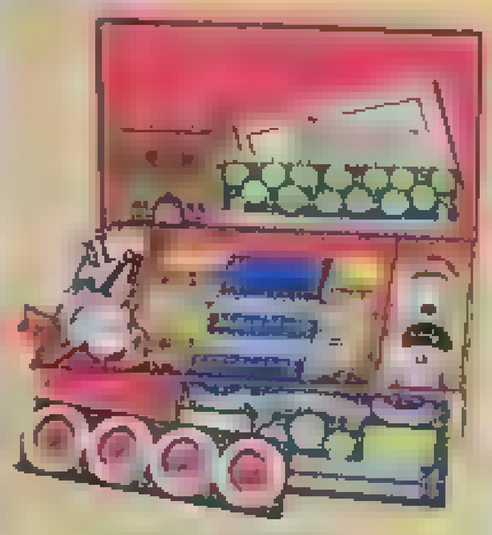

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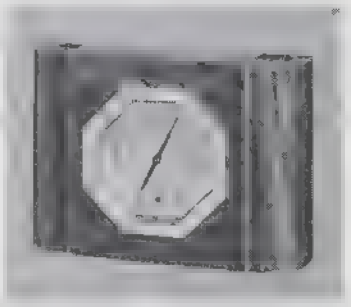
PELTING RAIN or bright sunshine ... gales or calm, they all show up on a Stormoguide. No need to wait until the weather strikes you. Look at your Stormoguide and know it hours in advance. Plan your golf games, your auto trips, any outdoor activities, sure in the knowledge you can count on the weather. Uncanny? Of course it is, but easily explainable. Stormoguides are made by Taylor, the same company that for nearly a century has made instruments to predict, measure, and chart atmospheric conditions for official weather bureaus, for noted explorers, and for leaders in scientific research. With this wealth of experience behind them, no wonder tomorrow's weather is an open book—no kind of weather is likely to catch a Stormoguide off guard. They are made in many styles and sizes and types of design; prices range from $7.50 to $60. If your favorite store cannot supply you, call or write direct to Taylor Instrument Companies, Rochester, New York. Offices also in Toronto, Canada.

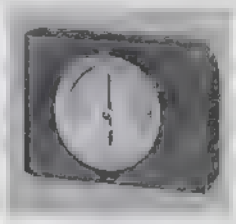


"GROSVENOR" STORMOGUIDE. Mahogany, walnut, or maple-and-walnut frame. Dull gilt brass dial. Altitude adjustment to 3500 feet. Also has automatic signal device which tells at a glance what the weather tendency is. An exclusive feature with most Taylor Stormoguides. $15.00.*

START A WEATHER BUREAU OF YOUR OWN. It's a fascinating hobby. Taylor makes many types of instruments for predicting, measuring, and charting the weather. Send for a copy of the Scientific Catalogue.

"STRATFORD" STORMOGUIDE. Dark mahogany-finished frame in good-looking, modern design. 4-inch grained brass-finished dial, easy to read. Altitude adjustment to 3500 feet. Set according to elevation of your locality. $7.50.*

"FAIRFAX" STORMOGUIDE, modern design in satin-black case with chrome reed trimming. Grained aluminum dial. Unbreakable crystal. Altitude adjustment. Fitted with exclusive Taylor weather tendency indicator. $10.00.*



"WARWICK" STORMOGUIDE. Mahogany-finished frame. 4-inch grain brass-finished dial. With bezel. Altitude adjustment to 3500 feet. Also has exclusive Taylor weather tendency indicator that works automatically. $10.00.*

*Prices slightly higher west of the Rockies and in Canada.

Taylor INSTRUMENTS

IN INDUSTRY, other types for indicating, recording and controlling temperature, pressure and humidity

Emergency Power

that the Government specifies

It's yours

at any TEXACO *pump*

THERE'S a *difference* in the gasoline that fast-moving ambulances and fire-engines use . . . a difference so great that the Government has drawn up two sets of specifications to mark it off.

One set of these specifications is for ordinary gasoline . . . for ordinary use.

Other specifications . . . higher, more difficult to meet . . . are for gasoline that fast-moving *emergency* duty requires.

So here's your cue. If you want the greater acceleration and extra power reserve that emergency vehicles *must* have, then start using Texaco Fire-Chief now.

For Texaco Fire-Chief . . . the same gasoline that you get from any Texaco Fire-Chief pump . . . fully meets these higher Government requirements. And it's available in all 48 states . . . no matter where you live or drive.

TEXACO FIRE-CHIEF

Meets Federal Specification VV-M-571 for Emergency Vehicles

"Selling-talk" barred at Nation's Capital

U. S. experts buy gasoline on scientific tests... a hint to you

The Government isn't listening to sales talk

No sir, the Government finds out for itself, by real scientific tests, the difference between gasolines.

It has two different sets of specifications. One is for ordinary gasoline use. The other, a much more rigid test, is for motor fuel for emergency vehicles.

You will be glad to learn this

You can drive around the corner and actually buy a gasoline for your car that meets the Government requirements for its fire-engines, ambulances and other emergency vehicles. And at no extra cost!

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Ends gasoline guesswork

You buy a lot of gasoline in a year. Plenty! It's worth thinking about. You want all there is in quick starts, pull and power.

What better guide have you than your own U. S. Government?

When you buy Fire-Chief, you're buying as scientifically as Government buyers do.

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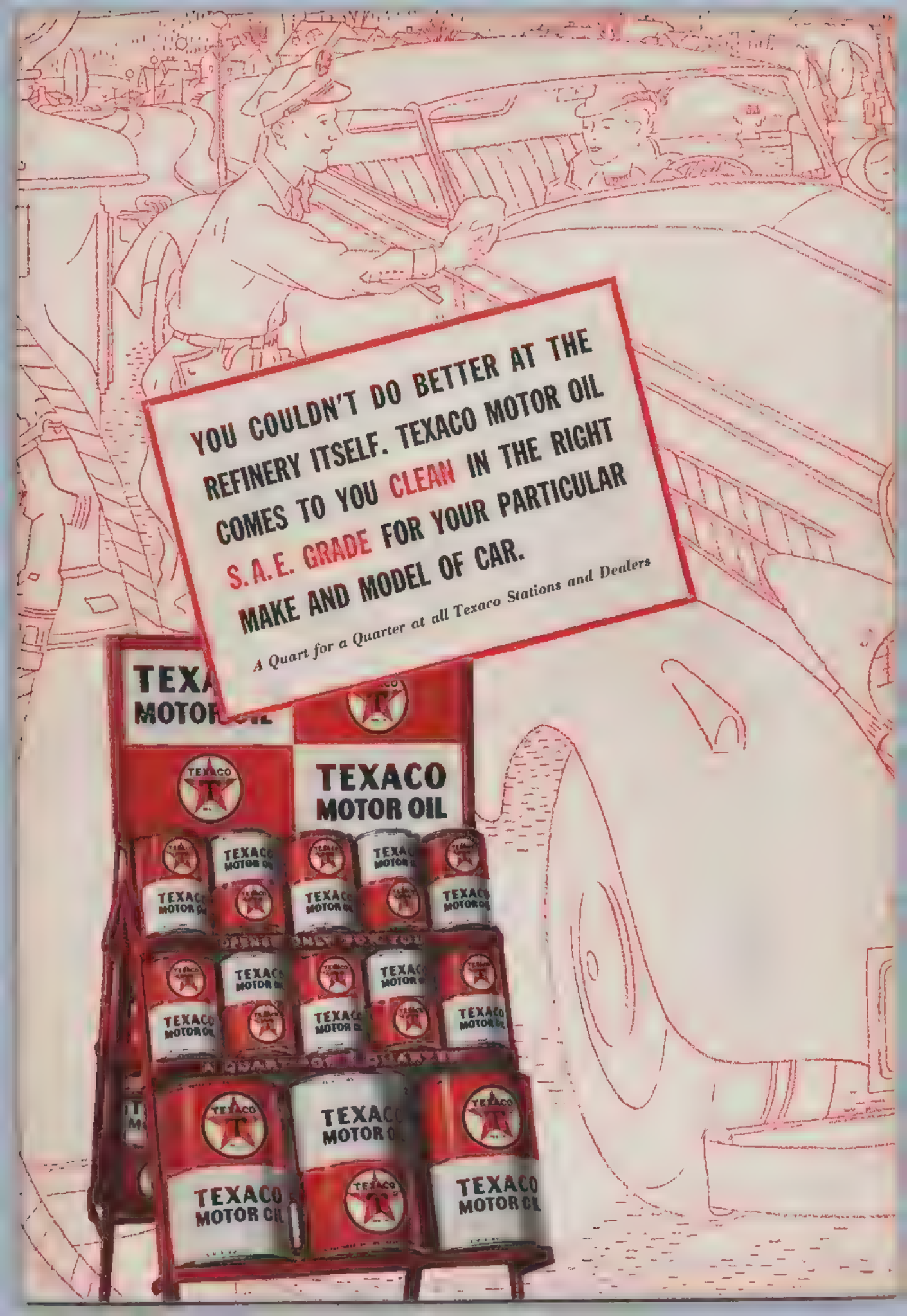
FIRE-CHIEF

When you buy at a Texaco pump you get a gasoline that meets the Government's emergency specifications* for fire-engines and ambulances . . . . . ***at no extra cost!***

* Federal Specification VV-M-571 for emergency vehicles


YOU COULDN'T DO BETTER AT THE REFINERY ITSELF. TEXACO MOTOR OIL COMES TO YOU CLEAN IN THE RIGHT S.A.E. GRADE FOR YOUR PARTICULAR MAKE AND MODEL OF CAR.
A Quart for a Quarter at all Texaco Stations and Dealers
TEXACO MOTOR OIL
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Travelers' Palm (Ravenala Madagascariensis)

THE TRAVELERS' TREE

IN MADAGASCAR there grows a native palm that has been a life-saver to many a stricken traveler.

The sheaths of its leaf-stalks catch the rain, and store up pure drinking water. Its seeds are edible. Its leaves may be used to thatch a hut. The Travelers' Tree is food, drink, shelter, all in one, to the wanderer in the wilderness.

Here in America we have a species of "Travelers' Tree," so to speak, which has served many a stricken traveler. It is the many-branched "tree" of The Travelers Insurance Companies . . . from which sustenance may be drawn in time of trouble.

If the traveler meets with an injury far from home and friends, he gets in touch with a nearby Travelers branch. And his accident insurance pays all hospital and doctor bills, plus an income until he is up and around again.

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And no matter where a traveler may range in the United States or Canada, he is never out of reach of the "Travelers' Tree." For The Travelers Insurance Companies have claim service stations located throughout the land . . . ready to serve policyholders promptly whenever and wherever they need help.

Moral: Insure in The Travelers.

The Travelers Insurance Company, The Travelers Indemnity Company, The Travelers Fire Insurance Company, Hartford, Connecticut.

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At the Manufactory, No. 4. Chatham ſtreet, near the Gaol
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Where may be had as follows:
Cut tobacco,
Common kitefoot do.
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Segars do.
Ladies twiſt do.
Pigtail do. in ſmall rolls,
Plug do.
Hogtail do.
Prig or carrot do.
Maccuba ſnuff,
Rappee do.
Straſburgh do.
Common rappee do.
Scented rappee do. of different kinds,
Scotch do.
The above Tobacco and Snuff will be ſold reaſonable, and warranted as good as any on the continent. If not found to prove good, any part of it may be returned, if not damaged.
N. B. Proper allowance will be made to thoſe that purchaſe a quantity.
May 27—1m
UNION LEADER
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(Published in *New York City* MAY 27, 1789)

True in 1789 *true today*

"Best quality & flavor . . . warranted as good as any on the continent . . . will be sold reasonable!" Those are the promises that Peter Lorillard made to tobacco buyers in 1789. And, today, they still hold good for another fine Lorillard tobacco . . . Union Leader Smoking Tobacco.

If you marvel that a pipe tobacco so rich in flavor, so fragrant, and so mild costs only a dime...just remember that Lorillard's experience of a century and three-quarters goes into the selection and mellowing of Union Leader's choice Kentucky Burley.

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UNION LEADER

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Effective in Killing Fleas

Creolin kills fleas, helps to heal scratches and prevent infection. Dog breeders and veterinarians endorse it as a safe disinfectant and deodorant. Use it to disinfect the kennel and in the bath to develop a healthy coat. Obtainable at all drug stores. Write for Fidamo Facts, sent free on request.

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Manufacturing Chemists

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DISINFECTANT • ANTISEPTIC • DEODORANT

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A lovely lot of six months' old puppies.
Prices on application
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Prides Crossing, Massachusetts
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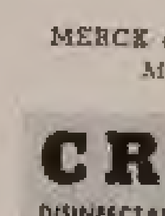
of
COCKER SPANIELS
Correspondence invited
Mrs. Russell Powell — HINSDALE
Miss Marjorie Russell — ILLINOIS



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"The Collie in Miniature"
Puppies available
The Darling Kennels
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. . . HOW TO BUY A DOG

THE BEST WAY to go about buying a dog is to write to some of the kennels advertised in Vanity Fair. Only registered dogs from reliable breeders can be advertised in The Dog Directory, as our censorship is strictly maintained. Incidentally, if you've never bought a dog by mail, you may be surprised to learn that most registered dogs are bought that way. Just tell the breeder the breed, sex, age, and color of the dog you have in mind, the surroundings in which you will keep him and the price you expect to pay. The breeder will handle all the details.

But should you fail to find advertised here the kind of dog you want, write to us and we'll help you find him with no obligation on your part. Address: The Dog Directory of Vanity Fair, Graybar Building, New York City.

THE DOG DIRECTORY

Ch. Arno von Lutzelhaus, owned by Victor Kenna

Fritzy

He's one of those dogs who pack a tremendous lot of individuality in small compass, and all of it is the kind that sticks.

Even considering all these plus factors, the world and his wife and dog were undoubtedly surprised to learn that Fritzy pulled biggest entry at the recent Westminster Show in Madison Square Garden. Never before had our low-slung friend come anywhere near swamping either the all-American Boston or the Wire, beloved of débutantes.

Some people got sinister over it—hinted at unhealthy growth in popularity and so on. But the Dachshund breeders simply smiled. They knew they'd bred for uniform type and sound standards. After all, when you get an international dog who can thrive in any country, any climate and any decent quarters—who can get on with other dogs and even cats—who can make humans respect him, despite comic strips and War hangovers—why, you've naturally got a gold mine, and why shouldn't it sell?

There are three varieties of Dachshunde—short-coated, rough, and long-coated. Old Smoothie is the American favorite, but the wiry gentleman is esteemed in Germany for his weather-proof coat, and people who like a silky, setter-look favor the exhibit with the frills. To pick a 2-to-4-months pup, look for a long, level head—small eyes—ears set rather low—long body, showing distinct arch in loin—deep chest—and short legs, slightly crooked. Big feet are *de rigueur*, but they shouldn't toe out.

Just one more word: don't you dare say the Dachshund is a joke. He's a very, very real little dog, and so he's here to stay.

FRENCH POODLES

Int. Ch. Nanine Duc de la Terrace of Blakeen

A few choice white puppies sired by Int. Ch. Duc—Best of all Breeds at the Westminster Kennel Club dog show—1935.

BLAKEEN KENNELS
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Such marked improvement is the result of the 3 important vitamins in Fleischmann's Irradiated Dry Yeast—B, G and D. Get a can at your dealer's or write for free sample. Standard Brands Incorporated, Dept. VF-4, 595 Madison Avenue, New York City.

■ 1-lb. can, $1.65; 5-lb. can, $7.50, postpaid. Kennel size: 25-lb. drum, $10.00; 50-lb. drum, $19.00 f.o.b. Peekskill, N. Y.

Sample and literature Free on request

2 x 2½ ft. **$18**
2½ x 4 ft. **$20**
3½ x 6 ft. **$27.50**

HOME, SWEET HOME

ALL Hodgson Kennels are made of durable, termite-proof red cedar. Shipped in sections, ready to erect. Everything from a one-room dog-house to breeding-kennels. Order now . . . or send for Catalog SK-4.

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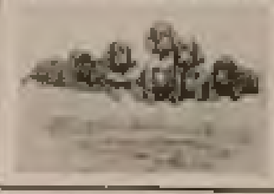
HAPPY, HEALTHY HOLIDAYS



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HORSE MEAT ...OR BEEF

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- Know how to trim? Complete Chart, covering 23 breeds (illus.). **$1.00**
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Send check or money order for any item. Dept. VF-4, 191 Baldwin Avenue, Jersey City, N. J.

DUPLEX DOG DRESSER

THE DOG DIRECTORY

International Champion American Longhaired Dachshunde

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Nestor v Strassberg (AKC—[illegible]) Dapple
Maximon von der Vasaburg (AKC—[illegible])
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Both new arrivals from Germany
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Dogs with a sense of humor, yet stability of a hunter.
Adaptable, ideal companions.
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Miniature and Medium-Sized Dachshunde
Reds and red & blacks. Finest Bloodlines.
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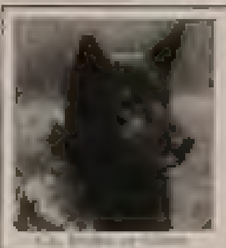

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Puppies Worthy to Become Champions
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Our puppies are brought up with children, have perfect disposition, and make fine companions.
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Great Danes (Harlequins) German Shepherds
Dachshunde (Black & Tan—Reds) Medium Schnauzers
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All ready for home and exhibition.
Write us for full list and pictures.
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Ben H. Wilson, owner, Rushville, Indiana

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Several exceptional puppies available for the show ring
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Cairn Terrier Puppies
Males, four months old
Also Scotties, registered with A. K. C.
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NEIMEYER'S THORNECLIFF KENNELS
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The most beautiful and best pals of any Breed. Bred for type and bird sense. Photographs and prices on request.
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Rogerschmidt's have bred the leading show winners year after year. Puppies ready for shipment sired by America's leading sire Ch. Adonis #710287 & Champion Dams. If you are interested in the best, let us hear from you.
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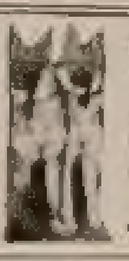

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Other Dogs, Pups, possible exhibition, also brood bitches, red and black trained. All dogs excellent character and temperament.
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April, 1932

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Vol. No. 41 No. 2

THE DOG DIRECTORY

Ch. Friend Sandboy

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Scottish Terriers
A fine litter of puppies by Sandboy out of Angela born July 11th, 1925 may be seen at our kennels.
Mr. and Mrs. Donald D. Voorhees owners
Frank H. Brumby, manager
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Imported and Championship Stock
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June to October
Lake Leelanau, Michigan

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Home raised sweethearts from imported Champion stock. Every responsible specialist with quality and breeding. Correspondence invited.
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WELSH and SCOTTISH **TERRIERS**

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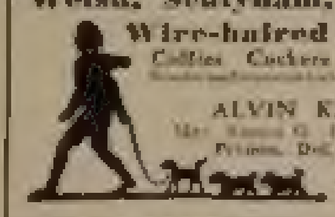
Collies Cockers Dachshunds



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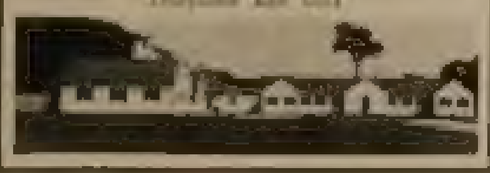
Telephone Bay 0321



Ch. Glenfiddich To Be of Edgerstoune, Mrs. John G. Winant

The Scottish Terrier—A Personality

EDITOR'S NOTE: The Kennel Departments of the Condé Nast Magazines believe that first-class dogs at prices justified by what the buyer receives and the breeder expends are the best policy. We know that right breeding and right raising cost money and that they are necessary if the purchaser is to derive maximum satisfaction from the dog he buys. We therefore believe it a duty to our readers to accept no advertising from breeders who make a practice of charging less than the $50 which we consider to be a fair minimum price for the right sort of puppy.

One gentleman, thoroughly versed in the ways of the Scottie, wrote that, to one who has owned one, "all other breeds of dogs are regarded as merely dogs, while the Scottie is a personality. He may have taken upon himself the outward appearance of a dog, and the biologist may classify him as such, but those who have a close acquaintance with him know that the outward form is a deception, and that within is a spirit more human than dog-like"—the spirit of an aristocrat and a gentleman. Though I cannot assent to such a sweeping comparison to the disadvantage of other dogs, I am prepared to agree that most of the Scotties I have met have excited my admiration on account of their sturdy independence, their service without servility, and their amusing way of carrying on a conversation with those they esteem.

Two wheaten Scotties owned by Mrs. A. M. Henshaw

Great Dane Puppies

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*** Eight Breeds ***

Great Danes (Harlequins)	German Shepherds
Dachshunds (Black & Tans—Reds)	Medium Schnauzers
Dobermann Pinschers	Giant Schnauzers
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Trained dogs of each breed.
Full list with cuts on request. All Guaranteed.
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Sealyham Terriers

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Offering puppies or mature dogs of unusual breeding. Good for companions and breeders. Trade, Advertising, Inspection and Stud.
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Males, Three Months Old
Registered with A. K. C. Very affectionate
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Puppies by famous champions usually available.

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A well-bred cocker spaniel will be an excellent companion for you and a faithful guardian of your home and family.
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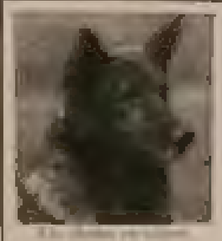

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Specific questions on dog subjects will gladly be answered by The Dog Directory of Vanity Fair

VANITY FAIR September, 1927

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Vol. XXVIII, No. 1

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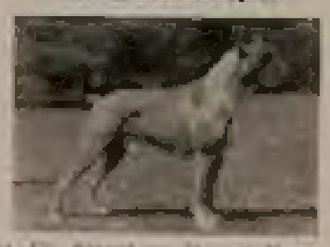

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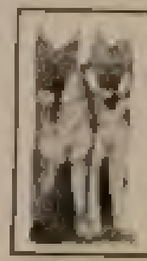

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